

**CONNECTED ACTIONS AND CUMULATIVE AND
SYNERGISTIC IMPACTS UNDER NEPA***

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I. THE CEQ REGULATIONS

1. The CEQ Regulations at § 1502.4(c) state as follows with regard to the preparation of EISSs on broad programs:

(c) When preparing statements on broad actions (including proposals by more than one agency), agencies may find it useful to evaluate the proposal(s) in one of the following ways:

(1) Geographically, including actions occurring in the same general location, such as a body of water, region, or metropolitan area.

(2) Generally, including actions which have relevant similarities, such as common timing, impacts, alternatives, methods of implementation, media, or subject matter.

(3) By stage of technological development including federal or federally assisted research, development or demonstration programs for new technologies, which if applied, could significantly affect the quality of the human environment.

2. The CEQ Regulations at § 1508.7 define "cumulative impact" as follows:

"Cumulative impact" is the impact on the environment which results from the incremental impact of the action when added to other past, present and reasonably foreseeable future actions regardless of what agency (federal or non-Federal) or person undertake such other actions. Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time.

3. The CEQ Regulations at § 1508.25(a)(1) state that to determine the scope of EISSs, among other things, agencies shall consider 3 types of actions as "connected".

Actions are connected if they:

(i) Automatically trigger other actions which may require environmental impact statements.

(ii) Cannot or will not proceed unless other actions are taken previously or simultaneously.

(iii) Are interdependent parts of a larger action and depend on the larger action for their justification.

4. ~~In evaluating the intensity of a proposed action to determine its significance, the CEQ regulations at § 1508.27(7), tell agencies to consider whether "the action is related to other actions with individually insignificant but cumulatively significant impacts. Significance exists if it is reasonable to anticipate a cumulatively significant impact on the environment. Significance cannot be avoided by terming an action temporary or by breaking it down in to small component parts."~~

II. THE JUDICIAL PERSPECTIVE

1. Kleppe v. Sierra Club, 427 U.S. 390 (1976)

[W]hen several proposal for coal-related actions that will have cumulative or synergistic environmental impact upon a region are pending concurrently before an agency, their environmental consequences must be considered together. [n. 20] Only through comprehensive consideration of pending proposals can the agency evaluate different courses of action.

Id. at 410.

* * *

At some points in their brief respondents appear to seek a comprehensive impact statement covering contemplated projects in the region as well as those that already have been proposed. The statute, however, speaks solely in terms of proposed actions; it does require an agency to consider the possible environmental impacts of less imminent actions when preparing the impact statement on proposed actions. Should contemplated actions later reach the stage of actual proposals, impact statements on them will take into account the effect of their approval upon the existing environment; and the condition of that environment presumably will reflect earlier proposed actions and their effects.

Id. at 410, n. 20.

* * *

As for the alleged "environmental" relationship, respondents contend that the coal-related projects "will produce a wide variety of cumulative environmental impacts" throughout the Northern Great Plains region. They describe them as follows: Diminished availability of water, air and water pollution, increases in population and industrial densities, and perhaps even climatic changes. Cumulative environmental impacts are,

indeed, what require a comprehensive impact statement. but determination of the extent and effect of these factors, and particularly identification of the geographic area within which they may occur, is a task assigned to the special competency of the appropriate agencies. Petitions dispute respondents' contentions that the interrelationship of environmental impacts is regionwide and, as respondents' own submissions indicate, petitioners appear to have determined that the appropriate scope of comprehensive statements should be based on basins, drainage areas, and other factors . . . Even if environmental interrelationships could be shown conclusively to extend across basins and drainage areas, practical considerations of feasibility might well necessitate restricting the scope of comprehensive statements. (Footnote omitted.)

Id. at 413-414.

2. City of Tenakee Springs v. Clough, 915 F.2d 1308 (9th Cir. 1990)

NEPA requires that where several actions have a cumulative or synergistic environmental effect, this consequence must be considered in an EIS. . . .

Where there are large scale plans for regional development, NEPA requires both a programmatic and site-specific EIS. . . . This court has held that where several foreseeable similar projects in a geographical region have a cumulative impact, they should be evaluated in a single EIS. . . . [Emphasizing the likelihood of future development, the court remanded to the agency for further consideration of cumulative impact because the agency had examined single projects in isolation without considering the net impact that all the projects in the area might have on the environment.]

Id. at 1312.

3. Natural Resources Defense Council, Inc. v. Hodel, 865 F.2d 288 (D.C. Cir. 1988)

NEPA, as interpreted by the courts, and CEQ regulations both require agencies to consider the cumulative impacts of proposed actions.

Id. at 297.

In this case, the Environmental Protection Agency (EPA) expressed serious concern to the Secretary over the lack of any consideration in the DEIS of inter-regional cumulative impacts. The EPA criticized the DEIS for not analyzing "the cumulative effects on migratory species

whose habitat extends into numerous planning basins and regions" and admonished the Secretary to "identify the migratory species of endangered cetaceans, marine mammals, and marine and coastal birds and the full extent of each species' distribution (the full range of their habitat): and to "include all state and federal oil and gas leasing, oil and gas infrastructure, and non-OCS/non-oil-and-gas activities that fall within their distribution." FEIS, App. E, May 9, 1986 Letter from EPA.

Id. at 298.

Even under the applicable deferential standard of review, we believe that allowing the Secretary's "analysis" to pass muster here would eviscerate NEPA. In each place in which the FEIS even mentions inter-regional impacts of OCS development, it merely announces that migratory species may be exposed to risks of oil spills and other "impacts" throughout their routes. These perfunctory references do not constitute analysis useful to a decisionmaker in deciding whether, or how, to alter the program to lessen cumulative environmental impacts. [Footnote omitted].

To minimize the risk of unnecessary delay and waste of resources on remand, however, we offer some general guides on what would appear to satisfy NEPA here. The Secretary could, first of all, examine cumulative impacts of simultaneous inter-regional OCS development in a single, coherent section rather than fragment his analysis by area. This comprehensive section could then, as the EPA suggested in its comments on the DEIS, . . . identify the various migratory species and the full range of their routes of migration, describe the OCS and non-OCS activities along those routes, and state the synergistic effect of those activities on the migratory species. The Secretary could support such a presentation with references to scientific studies and other materials so that a decisionmaker would have ready access to the information underlying the Secretary's findings and conclusions. Finally, the Secretary could, consistent with NEPA's requirement that he consider alternatives to the proposed action, examine alternatives to simultaneous development that would mitigate any synergistic impacts on migratory species, such as staggering development. The Secretary could set out the pros and cons of various alternatives and explain his reasons for adopting whatever course of action he decides upon.

Id. at 299-300.

4. C.A.R.E. Now, Inc. v. Federal Aviation Administration, 844 F.2d 1569 (11th Cir.), reh'g denied, en banc 854 F.2d 1326 (1988)

NEPA requires that a federal agency examine not only the impact directly attributable to one project, but also the cumulative effects of that project. . . . Cumulative effects can be both direct and indirect.

Id. at 1574.

5. Thomas v. Peterson, 753 F.2d 754 (9th Cir. 1985)

Section 102(2)(c) of NEPA requires an EIS for "major federal actions significantly affecting the quality of the human environment." 42 U.S.C. § 4332(2)(C) (1982). While it is true that administrative agencies must be given considerable discretion in defining the scope of environmental impact statements there are situations in which an agency is required to consider several related actions in a single EIS. Not to require this would permit dividing a project in to multiple "actions," each of which individually has an insignificant environmental impact, but which collectively have a substantial impact. [Citations omitted.]

Id. at 758.

* * *

The construction of the road and the sale of the timber in the Jersey Jack area meet the second and third, as well as perhaps the first of [the CEQ] criteria [for "connected actions."]. It is clear that the timber sales cannot proceed without the road, and the road would not be built but for the contemplated timber sales. . . . [T]he road construction and the contemplated timber sales are inextricably intertwined, and [are] "connected actions" within the meaning of the CEQ regulations.

Id. at 759.

The CEQ regulations also require that "cumulative actions" be considered together in a single EIS. 40 C.F.R. § 1508.25(a)(2). "Cumulative actions" are defined as actions "which when viewed with other proposed actions have cumulatively significant impacts." 40 C.F.R. § 1508.25(a)(2).

* * *

[T]he Fish & Wildlife Service has written, "Separate documentation of related and cumulative potential

impacts may be leading to aquatic habitat degradation unaccounted for in individual EA's (i.e., undocumented cumulative effects) . . . Lack of an overall effort to document cumulative impacts could be having present and future detrimental effects on wolf recovery potential." These comments are sufficient to raise "substantial questions" as to whether the road and the timber sales will have significant cumulative environmental effects. Therefore, on this basis also, the Forest Service is required to prepare an EIS analyzing such effects. [Citations omitted.]

Id. at 759.

* * *

We believe that consideration of cumulative impacts after the road has already been approved is insufficient to fulfill the mandate of NEPA. A central purpose of an EIS is to force the consideration of environmental impacts in the decisionmaking process. That purpose requires that the NEPA process be integrated with agency planning "at the earliest possible time." 40 C.F.R. § 1501.2, and the purpose cannot be fully served if consideration of the cumulative effects of successive, interdependent steps is delayed until the first step has already been taken.

The location, the timing, or other aspects of the timber sales, or even the decision whether to sell any timber at all affects the location, routing, construction techniques, and other aspects of the road, or even the need for its construction. But the consideration of cumulative impacts will serve little purpose if the road has already been built. Building the road swings the balance decidedly in favor of timber sales even if such sales would have been disfavored had road and sales been considered together before the road was built. Only by selling timber can the bulk of the expense of building the road be recovered. Not to sell timber after building the road constitutes the "irrational" result that Trout Unlimited's standard is intended to avoid. Therefore, the cumulative environmental impacts of the road and the timber sales must be assessed before the road is approved. . . .

[W]e believe that if the sales are sufficiently certain to justify construction of the road, then they are sufficiently certain for their environmental impacts to be analyzed along with those of the road. . . . (EIS for a road must analyze the impacts of industrial development that the road is designed to accommodate). Where agency actions are sufficiently related so as to be "connected" within the meaning of CEQ regulations,

the agency may not escape compliance with the regulations by proceeding with one action while characterizing the others are remote or speculative. [Citations omitted.]

Id. at 760.

6. Save the Yaak Committee v. J.R. Block, 840 F.2d 714 (9th Cir. 1988)

Thomas teaches that an environmental assessment must include an analysis of these connected actions. This assessment of connected actions is necessary even if the impact of the proposed action is not significant. The impact or significance of a particular project is a separate analysis to be considered in deciding whether to prepare an EIS or only an EA.

* * *

The EA's Analysis of Cumulative Impacts

Both connected actions and unrelated, but reasonably foreseeable, future actions may result in cumulative impacts. As discussed, there is an inextricable nexus between the road reconstruction and the logging operations. Yet, the EA did not evaluate the environmental impacts of either the reconstruction or the ongoing and future accelerated timber harvest. The cumulative impact of these actions raises material issues of fact concerning the project's effect upon the human environment. . . .

Id. at 720-721.

7. Sierra Club v. Penfold, 857 F.2d 1307 (9th Cir. 1988)

NEPA and ANILCA required that where an action is related to other actions which produce significant cumulative impacts, the EIS must assess this. BLM initially failed to do so in the four watersheds in approving Plan mines. The facts also show that the cumulative effect of the mines was to degrade water quality, cause aesthetic degradation and reduce recreational use.

Given NEPA's legal standard or the finding of facts themselves, injunctive relief was warranted. Cumulative impacts in the watersheds were more than likely -- they had in fact occurred. Because of the discretion allowed in fashioning equitable remedies, and the cumulative impacts show to exist, the district court did not err in enjoining approval of Plan mines until adequate EIS's were prepared.

Id. at 1321.

8. Sierra Club v. Penfold, 664 F.Supp. 1299 (D. Alaska), aff'd, 857 F.2d 1307 (9th Cir. 1988) ...

Although [NEPA] . . . relates only to "federal" actions, analysis of the cumulative impact of any federal action has a broader scope:

'Cumulative impact' is the impact on the environment which results from the incremental impact of the [federal] action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions.

40 C.F.R. § 1508.7 (emphasis added). If, when these cumulative or synergistic impacts are analyzed, there are "substantial questions" as to whether the impacts may be collectively significant, an Environmental Impact Statement (EIS) must be prepared . . . This is so even if the actions are "individually minor." 40 C.F. R. § 1508.7 [Footnote omitted] . . .

§I]f ever there was a paradigm instance of "cumulative" or "synergistic" impacts, it is this case. Dozens of small operations of a single type incrementally contribute to deterioration of water quality in a common drainage stream. [Citations omitted].

Id. at 1303.

* * *

BLM contends that § 810 [of ANILCA] does not require any consideration of cumulative impacts. But the Supreme Court has held that § 102(2)(C) of NEPA -- which likewise makes no explicit mention of cumulative impacts -- requires such consideration in certain circumstances. [Kleppe, 427 U.S. at 409-10]. NEPA case law is helpful in interpreting § 810. . . . Defendants have suggested no reason to disregard the common-sense principles of Kleppe in this instance. The court holds that the cumulative impact outlines above requires unified analysis.

Id. at 1307.

9. Fritiofson v. Alexander, 772 F.2d 1225 (5th Cir. 1985)

The discussion of cumulative impacts must start with the CEQ definition of significance and the Supreme Court's decision in Kleppe, 427 U.S. at 398.

Id. at 1240.

* * *

As noted, the Supreme Court made clear that, although cumulative impacts may sometimes demand the preparation of a comprehensive EIS, only the impacts of proposed, as distinguished from contemplated, actions need be considered in scoping an EIS. In a case like this one, on the other hand, where an EA constitutes the only environmental review undertaken thus far, the cumulative-impacts analysis plays a different role . . . This distinction is clearly recognized in the CEQ regulations. Sections 1508.7 and 1508.27 require an analysis, when making the NEPA-threshold decision, as opposed to the EIS-scoping decision, whether it is "reasonable to anticipate cumulatively significant impacts" from the specific impacts of the proposed project when added to the impacts from "past, present and reasonably foreseeable future actions," which are "related" to the proposed project. The regulation does not limit the inquiry to the cumulative impacts that can be expected from proposed projects, rather, the inquiry also extends to the effects that can be anticipated from "reasonably foreseeable future actions." Cf. 40 C.F.R. § 1508.25(a)(2) (cumulative actions are "proposed actions . . ."). In other words, when deciding the potential significance of a single proposed action (i.e., whether to prepare an EIS at all), a broader analysis of cumulative impacts is required. The regulations clearly mandate consideration of the impacts from actions that are not yet proposals and from actions -- past, present, or future -- that are not themselves subject to the requirements of NEPA. See 40 C.F.R. § 1508.7 ("past, present, and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal) or person undertakes such other actions") (emphasis added).

Id. at 1242-1243.

* * *

The district court reasoned from these statements that in reality the Corps failed to consider cumulative impacts, neither of the proffered reasons would justify its actions.

The CEQ regulations make mandatory a consideration of cumulative impacts at this threshold stage of the NEPA

process. The Corps, moreover, cannot avoid NEPA responsibilities by cloaking itself in ignorance.

It must be remembered that the basic thrust of an agency's responsibilities under NEPA is to predict the environmental effects of proposed action before the action is taken and those effects fully known. Reasonable forecasting and speculation is thus implicit in NEPA, and we must reject any attempt by agencies to shirk their responsibilities under NEPA by labeling any and all discussion of future environmental effects as "crystal ball inquiry."

Sierra Club v. Sigler, 695 F.2d at 970 (quoting Scientists' Institute for Public Information, Inc. v. Atomic Energy Comm'n, 481 F.2d 1079, 1092 (D.C. Cir. 1973)). Thus, the Corps cannot rely upon an absence of other governmental studies to justify a failure to consider cumulative impacts.

Moreover, the Corps cannot, at this point in the process, rely upon the lack of either an overall plan or functional and economic dependence to avoid considering cumulative impacts. As we have seen, these factors are relevant in determining the scope of an EIS that has already been ordered.

* * *

The cumulative impacts analysis, therefore, must be conducted more broadly than the EA's language suggests. It should consider (1) past and present actions without regard to whether they themselves triggered NEPA responsibilities and (2) future actions that are "reasonably foreseeable," even if they are not yet proposals and may never trigger NEPA review requirements. 40 C.F.R. § 1508.7; see Adams, 477 F.Supp at 1003.

Given the CEQ regulations, it seems to us that a meaningful cumulative-effects study must identify: (1) the area in which effects of the proposed project will be felt; (2) the impacts that are expected in that area from the proposed project; (3) other actions -- past, proposed, and reasonably foreseeable -- that have had or are expected to have impacts in the same area; (4) the impacts or expected impacts from these other actions; and (5) the overall impact that can be expected if the individual impacts are allowed to accumulate. . . .

Id. at 1244-1245.

As we have seen, actions should be considered in the threshold cumulative-impacts analysis without regard to

whether they have themselves required a permit or will in the future be the subject of NEPA review.

* * *

It is true, as the defendants have argued in the past, that 'an impact can be cumulative and at the same time [be] a direct or indirect impact.' . . .

We certainly do not mean to suggest that the consideration of cumulative impacts at the threshold stage will necessarily involve extensive study or analysis of the impacts of other actions. . . . The inquiry at this point is properly limited to whether the specific proposal under consideration may have a significant impact. The EA must however, at a minimum, show that the Corps considered impacts from these actions listed in the regulation: "other past, present and reasonably foreseeable future actions regardless of what agency (Federal or non-Federal), or person undertakes such other actions." 40 C.F.R. § 1508.7. The extent of the analysis will necessarily depend on the scope of the area in which the impacts from the proposed action will be felt and the extent of other activity in that area.

Id. at 1246.

10. Northern Alaska Environmental Center v. Lujan, 15 ELR 21048 (D. Alaska, 1985); 16 ELR 20245 (D. Alaska, 1985)

The primary issue before the court is whether the proper remedy for defendants' violation of the National Environmental Policy Act (NEPA) is to require preparation of cumulative EIS's. Defendants argue that such a remedy is premature given that the Park Service has not had the opportunity to initially determine whether the granting of mining permits is a "major federal action significantly affecting the human environment." According to the government, the agency's decision is not yet ripe for review, for the reason that the agency, to date, has not prepared any Environmental Assessments (EA) for the mining permits. These EA's, the government argues, are a prerequisite to determining whether to prepare an EIS, and until the EA's for the mining permits are completed, the Park Service is not required to decide whether an EIS is necessary.

* * *

The court agrees that an EIS must be prepared when a number of related actions cumulatively may have a significant environmental impact, even if the separate actions, standing alone, do not. 40 C.F.R. § 1508.27(b)(7) (1985) (A significant effect on the

environment exists "if it is reasonable to anticipate a cumulatively significant impact on the environment" from related actions with individually insignificant impacts.)--See also id. § 1502.4; § 1508.25(a)(2).
 Conversely, once the cumulative impact of a number of mining claims crosses the threshold of "significant effect on the environment," a discussion of those cumulative impacts in individual EA's no longer complies with NEPA.

16 ELR at 20245.

11. Northern Alaska Environmental Center v. Lujan, No. J85-009 Civil (D. Alaska, Dec. 28, 1990)

This court enjoined mining in the parks until NPS completed EISS which address cumulative impacts from mining. Cumulative impacts are "the incremental impact of the action when added to other past, present and reasonably foreseeable future actions Cumulative impacts can result from individually minor but collectively significant actions taking place over a period of time." An EIS should discuss the cumulative impact of other proposed actions that have cumulatively significant impacts. (Footnotes omitted.)

Slip. op. at 5.

* * *

Plaintiffs further argue that past and foreseeable future mining activity has been excluded from the EISS and that the cumulative impacts of mining in the different study areas were ignored [footnote 9] . . .

Each EIS discusses establishing the study areas. The study areas include most of the known past mining activity . . . (Footnotes omitted.)

Slip op. at 8.

Plaintiffs also argue that the EISS fail to adequately assess the synergistic effects of mining and non-mining activities in the parks. The defendants correctly note that the court ordered the NPS to address cumulative impacts of mining in the parks. (Emphasis in original.)

Slip.op. at 8, n.9.

The court disagrees the study areas are too narrowly defined. The CEQ regulations require an EIS to discuss cumulative impacts of proposed activities that have cumulative significant impacts. The NPS took into consideration all known claims in determining the study area boundaries.

Slip. op. at 9.

* * *

The CEQ regulations require an EIS to discuss cumulative impacts where proposed actions, when added to other past, present and reasonably foreseeable future actions, have cumulatively significant impacts. The NPS drew the boundaries of the study areas to include mines where past activity has occurred and where foreseeable future activity will likely occur The exclusion of the . . . [other] areas from consideration of past, present and reasonably foreseeable future mining activity cannot be said to show the inadequacy of the . . . EIS. Nor does the exclusion in the other study areas of past mining activity which was small or isolated, or where no foreseeable future mining would occur on those claims justify a finding of inadequacy.

Plaintiffs further argue that the cumulative impacts of mining in the different study areas was ignored. Plaintiffs assert that the EISs fail, as a matter of law, to address cumulative impacts of mining throughout multiple study areas. . . .

The Ninth Circuit addressed the issue of cumulative impacts in City of Tenakee Springs v. Clough, 915 F.2d 1308 (9th Cir. 1990). In that case, the appellants (plaintiffs) argued that the Forest Service "created a false impression of cumulative impact by disaggregating the analysis to an area by area study." Id. Relying on La Flamme v. Federal Energy Regulatory Comm., 852 F.2d 389, 401-02 (9th Cir. 1988), the court stated that case held that "where several foreseeable similar projects in a geographical region have a cumulative impact, they should be evaluated in a single EIS . . ."

At the time a specific mining plan is submitted to the NPS, further regulatory and statutory procedures will follow prior to the issuance of a mining permit which will include a further consideration of the cumulative impacts.

12. Northern Alaska Environmental Center, et al. v. Lujan, et al., 961 F.2d 886 (9th Cir. 1992)

In 1985, the Northern Alaska Environmental Center (NAEC) won a preliminary injunction against the Park Service's (NPS) approval of further mining in three Alaska parks (Denali, Yukon-Charlie, and Wrangell) because the NPS had prepared no EISs addressing the

cumulative impact of mining within each park. The NPS did not appeal, but instead, began the scoping process during the pendency of the appeal by the Alaska Miners Ass'n. The miners affirmed the preliminary injunction (803 F.2d 466 (1986)), and the parties stipulated to entry of the injunction as permanent -- i.e., lasting until the NPS prepared EISS adequate to satisfy NEPA. Roughly 5 years and \$5 million later, the NPS submitted the completed EISS to the district court and urged that the injunction be lifted. NAEC strenuously opposed, even though the NPS had selected the alternative favored by NAEC and most other commenters -- eventual government acquisition of all mining claims. The district court held the EISS were adequate -- especially since the NPS was approving no particular mining operation at all, and any operation which might be approved on a claim before it could be acquired would undergo further NEPA study.

The court of appeals affirmed, on several points including the reinforcement of the "rule of reason" basics. The decision also locks in the NPS's representations that further NEPA work will precede approval of any actual mining in these parks.

**OUTLINE OF THE CEQ REGULATIONS IMPLEMENTING
THE NATIONAL ENVIRONMENTAL POLICY ACT**

March 1994

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COUNCIL ON ENVIRONMENTAL QUALITY (CEQ) REGULATIONS IMPLEMENTING
THE PROCEDURAL PROVISIONS OF THE NATIONAL ENVIRONMENTAL POLICY
ACT (NEPA)

Identify proposed action

§ 1508.23 states that a "proposal" exists when an agency has a goal and is actively preparing to make a decision on one or more alternative means of accomplishing that goal and the effects can be meaningfully evaluated. A proposal may exist in fact, even if the agency has not declared that one exists.

Question: is the proposed action a "major federal action significantly affecting the quality of the human environment?" (NEPA § 102(2)(c)).

§ 1508.18 defines "major federal action" as including actions with effects that may be major and which are potentially subject to federal control and responsibility. "Major" reinforces, but does not have a meaning independent of "significantly." Federal actions include failures to act; new and continuing activities; new or revised agency rules, regulations, plans, policies, or procedures; and legislative proposals. Actions do not include bringing judicial or administrative enforcement actions. An action is a "federal" one if it is entirely or partially financed, assisted, conducted, regulated, or approved by a federal agency.

§ 1508.27 defines "significantly" as requiring consideration of both context (the significance of the action must be analyzed in the context of society as a whole, the affected region, the affected interests, the locality, etc.) and intensity (referring to the severity of the impacts). A significant effect may exist even if, on balance, the effect will be beneficial.

I. Answer: Clearly no, i.e. the action has been categorically excluded

§ 1508.4 defines "categorical exclusion" as a category of actions which do not individually or cumulatively have a significant effect on the human environment and which have been found to have no such effect in procedures adopted by the federal agency. If the action has been categorically excluded, neither an environmental assessment (EA) nor an environmental impact

statement (EIS) is required. Note that in extraordinary circumstances, a normally excluded action may have significant environmental effects which necessitate the preparation of an EA or EIS.

II. Answer: Clearly yes--prepare an EIS

A. § 1501.7: Scoping process

(1) publish notice of intent to prepare an EIS

§ 1508.22: notice shall briefly describe the proposed action and possible alternatives, describe the agency's proposed scoping process including whether and where any scoping meetings will be held, and state the name and address of an agency official who can answer questions about the proposed action and the EIS.

(2) invite participation of affected federal, state, and local agencies; affected Indian tribes; proponent of action; other interested persons.

(3) determine scope of EIS and the significant issues to be analyzed in depth in the EIS.

§ 1508.25: scope of EIS consists of the range of actions, alternatives, and impacts to be considered in an EIS. To determine scope of an EIS, agencies shall consider connected, cumulative, and similar actions; alternatives including the no action alternative, other reasonable courses of action, and mitigation measures not in the proposed action; and direct, indirect, and cumulative impacts.

(4) identify and eliminate from detailed study the issues which are not significant or which have been covered by prior environmental review

§ 1506.3: agency can adopt all or part of a federal draft or final EIS if the agency concludes that the information it wants to adopt meets the standards for an adequate EIS under the regulations. If the actions covered by the original EIS and the proposed action are substantially the same, the adopting agency is not required to recirculate it except as a final statement. Otherwise, the adopting agency shall treat the EIS as a draft and recirculate it. A

cooperating agency (§§ 1501.6, 1508.5; see below) may adopt without recirculating the EIS of a lead agency (§§ 1501.5, 1508.16; see below) when, after independent review of the statement, the cooperating agency concludes that its comments and suggestions have been satisfied.

(5) allocate assignments for preparation of the EIS among the lead and cooperating agencies, with the lead agency retaining responsibility for the EIS.

Lead Agency

§ 1508.16 defines "lead agency" as the agency or agencies preparing or taking primary responsibility for preparing the EIS.

§ 1501.5: a lead agency shall supervise the preparation of an EIS if more than one federal agency either proposes or is involved in the same action, or is involved in a group of actions directly related to each other because of their functional interdependency or geographical proximity. Federal, state, or local agencies, including at least one federal agency, may act as joint lead agencies. Potential lead agencies shall determine by letter or memorandum which agency shall be the lead agency and which shall be cooperating agencies. If federal agencies are unable to agree on which agency shall be the lead agency, any of the agencies or persons concerned may file a request with CEQ asking it to make a lead agency designation.

Cooperating Agency

§ 1508.5 defines "cooperating agency" as any federal agency other than a lead agency which has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposal or a reasonable alternative. A state or local agency or an Indian tribe may by agreement with the lead agency be a cooperating agency.

§ 1501.6: upon request by the lead agency, any other federal agency which has jurisdiction by law shall be a cooperating agency. Any other federal agency which has special expertise with respect to any environmental issue may be a cooperating agency upon request of the lead agency. An

agency may request that the lead agency designate it as a cooperating agency. A cooperating agency shall participate in the NEPA process at the earliest possible time; participate in the scoping process; at the request of the lead agency, assume responsibility for developing information on which it has special expertise; at the lead agency's request, make available staff support; normally, use its own funds.

(6) identify other environmental review and consultation requirements so the lead and cooperating agencies may prepare other required analyses and studies concurrently with, and integrated with, the EIS.

(7) indicate the relationship between the timing of the preparation of environmental analyses and the agency's tentative planning and decisionmaking schedule.

(8) as part of the scoping process, the lead agency may set page limits on the document (an EIS shall normally be less than 150 pages--§ 1502.7) and set time limits for the preparation of the document (§ 1501.8).

(9) the agency may, but is not required to, hold a scoping meeting or meetings which may be integrated with any other early planning meetings the agency has.

B. § 1502.9: except for proposals for legislation (§ 1506.8, see below), EISs shall be prepared in two stages and may be supplemented.

(1) draft EISs shall be prepared in accordance with the scope decided upon in the scoping process and shall include

§ 1502.11: a cover sheet which includes a list of the responsible agencies (lead and cooperating); the title of the proposed action that is the subject of the EIS; the name, address, and telephone number of the person at the agency who can supply further information; a designation of the statement as a draft, final, or draft or final supplement; a one paragraph abstract of the statement; and the date by which comments must be received.

§ 1502.12: a summary which adequately and accurately summarizes the statement and stresses the major conclusions, areas of controversy, and issues to be resolved.

§ 1502.13: a purpose and need section which briefly specifies the underlying purpose and need to which the agency is responding in proposing the action and alternatives.

§ 1502.14: an alternatives section which presents the environmental impacts of the proposal and the alternatives in comparative form. In this section, agencies shall rigorously explore and objectively evaluate all reasonable alternatives, include reasonable alternatives which are not within the jurisdiction of the lead agency, include the no action alternative, identify the agency's preferred alternative or alternatives if they exist, and include appropriate mitigation measures not already included in the proposed action or alternatives.

§ 1502.15: an affected environment section which succinctly describes the environment of the area(s) to be affected or created by the alternatives under consideration.

§ 1502.16: an environmental consequences section which includes the environmental impacts of the alternatives including the proposed action, any adverse environmental effects which cannot be avoided should the proposal be implemented, the relationship between short-term uses of man's environment and the maintenance and enhancement of long-term productivity, and any irreversible or irretrievable commitments of resources which would be involved in the proposal should it be implemented.

§ 1502.17: a list of preparers which includes names and qualifications of the persons primarily responsible for preparing the EIS.

§ 1502.18: an appendix (optional).

(2) Incomplete or Unavailable Information

§ 1502.22 states that when an agency lacks information which is relevant to the evaluation, in an EIS, of reasonably foreseeable significant adverse effects on the human environment, the agency must always make it clear that such information is missing. If such information is essential to

a reasoned choice among alternatives and the cost of obtaining it are not exorbitant, the agency shall obtain the information and include it in its EIS. If, however, information relevant to reasonably foreseeable significant adverse impacts cannot be obtained because the costs of obtaining it are exorbitant or the means to obtain it are not known, the agency must include in its EIS a statement that such information is incomplete or unavailable, a statement of the relevance of the incomplete or unavailable information to evaluating the reasonably foreseeable adverse impacts, a summary of existing credible scientific evidence which is relevant to evaluating the reasonably foreseeable adverse impacts, and the agency's evaluation of such impacts based upon theoretical approaches or research methods generally accepted in the scientific community. For purposes of this section, "reasonably foreseeable" includes impacts which have catastrophic consequences even if the probability of such impacts occurring is low, provided that the analysis of the impacts is supported by credible scientific evidence, is not based on pure conjecture, and is within the rule of reason.

(3) Circulating the draft EIS

§ 1502.19: the agency shall circulate the entire draft EIS unless the statement is unusually long (then the agency may circulate only the summary except that the entire statement shall be furnished to federal agencies with jurisdiction by law or special expertise, the applicant, and any person requesting it).

§ 1506.9: the draft EIS shall be filed with the Environmental Protection Agency (EPA) which shall publish a notice in the Federal Register each week of the EISs filed the previous week. The minimum time periods are calculated from the date of publication of this notice (§ 1506.10(a)).

(4) Comments on the draft EIS

§ 1503.1: after preparing the draft EIS and before preparing the final EIS, the agency shall obtain the comments of any federal agency with jurisdiction by law or special expertise with respect to any environmental impact involved and shall request the comments of appropriate state and local agencies, affected Indian tribes, any agency which has requested that it receive statements on actions of the kind proposed, the applicant, and the public (affirmatively soliciting comments from those persons or organizations who may be interested or affected).

§ 1503.2: federal agencies with jurisdiction by law or special expertise shall comment on EISs within their jurisdiction, expertise, or authority.

§ 1503.3: comments on an EIS should be as specific as possible.

§ 1506.10: agencies shall allow not less than 45 days for comments on draft statements except that, upon a showing of compelling reasons of national policy, EPA may reduce the comment period.

(5) Preparing the final EIS

§ 1503.4: after receiving comments on the draft EIS, the agency preparing the final EIS shall assess and consider the comments both individually and cumulatively and shall respond by modifying alternatives including the proposed action; developing and evaluating alternatives not given serious consideration in the draft EIS; supplementing, improving, or modifying its analyses; making factual corrections; and/or explaining why the comments do not warrant further agency response. All substantive comments received on the draft EIS should be attached to the final EIS. If changes to the draft statement are minor and are confined to making factual corrections or explaining why further response is not warranted, agencies may write them on errata sheets and attach them to the draft statement instead of rewriting the draft statement. The final EIS shall identify the agency's preferred alternative unless another law prohibits the

expression of such a preference (§ 1502.14(e)).

(6) Circulating the final EIS

§ 1502.19: the agency shall circulate the final EIS in the same manner required for draft EISs. Any person, organization, or agency which submitted substantive comments on the draft EIS shall receive a copy of the final EIS. If the changes to the draft statement are minor (see above), only the comments, the responses, and the changes need to be circulated (not the final EIS) (§ 1503.4(c)). The final EIS shall be filed with EPA in the same manner as the draft EIS (see above).

(7) Supplementing draft and final EISs

§ 1502.9(c): agencies shall prepare supplements to draft or final EISs if the agency makes substantial changes to the proposed action that are relevant to environmental concerns or there are significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts.

C. Decisionmaking

(1) § 1506.10: no decision on the proposed action shall be made until--

-90 days after publication of the EPA notice for a draft EIS

-30 days after publication of the EPA notice for a final EIS

(2) § 1505.2: at the time of its decision, each agency shall prepare a concise public record of decision which states what the decision is, identifies all alternatives considered by the agency in reaching its decision, specifies the alternative or alternatives which are considered to be environmentally preferable, and states whether all practicable means to avoid or minimize environmental harm from the alternative selected have been adopted (and if not, why not).

(3) § 1506.1: until an agency issues a record of decision, no action concerning the proposal shall be taken which would have an adverse environmental effect or limit the choice of reasonable alternatives.

(4) § 1505.3: agencies may provide for monitoring to assure that their decisions are carried out and should do so in important cases. Mitigation committed to as part of the decision shall be implemented by the lead agency or other appropriate consenting agency. The lead agency shall include appropriate conditions in grants, permits, or other approvals and condition funding of actions on mitigation.

III. Answer: Do not know--prepare an EA

§ 1508.9 defines an EA as a concise public document that serves to provide sufficient evidence and analysis for determining whether to prepare an EIS, i.e. whether the impacts of a proposed action are significant. An EA shall include brief discussions of the need for the proposal, alternatives, environmental impacts of the proposed action and alternatives, and a listing of agencies and persons consulted.

A. If, after preparing the EA, the agency concludes that the proposed action will have no significant environmental impacts, then it must issue a finding of no significant impact (FONSI).

(1) § 1508.13 defines a "FONSI" as a document by a federal agency which briefly presents the reasons why an action, not otherwise categorically excluded, will not have a significant effect on the human environment and thus why an EIS will not be prepared. It shall include the EA or a summary of it.

(2) § 1501.4(e) requires the agency to make the FONSI available to the affected public. In certain limited situations (where the proposed action is, or is closely similar to, one which normally requires preparation of an EIS or where the nature of the proposed action is without precedent), the agency shall make the FONSI available for public review for 30 days prior to making its final determination on whether to prepare an EIS and before action may begin.

B. If, after preparing the EA, the agency concludes that the proposed action will have significant environmental impacts, then the agency begins the EIS process (see above).

Miscellaneous Provisions

Programmatic EISs

§§ 1502.4, 1502.20, and 1508.28: EISs are sometimes required for broad federal actions such as the adoption of new agency programs or regulations. Agencies shall employ scoping, tiering, and other methods to relate broad and narrow actions and to avoid duplication and delay.

Referral Process

Part 1504: this part establishes procedures for referring to CEQ interagency disagreements concerning proposed major federal actions that might cause unsatisfactory environmental effects. Under Section 309 of the Clean Air Act, EPA may refer matters to CEQ if it determines that the matter is unsatisfactory from the standpoint of public health or welfare or environmental quality. Other federal agencies may make similar referrals of EISs.

Preparation of Environmental Information by Others

§ 1506.5: if an agency permits an applicant to prepare an EA, the agency shall independently evaluate the information submitted and be responsible for its scope and content. If an EIS is prepared by a contractor, the contractor must be chosen solely by the lead agency and must sign a disclosure statement to avoid conflicts of interest. The lead agency shall independently evaluate the EIS prior to its approval and take responsibility for its scope and content.

Proposals for Legislation

§ 1506.8: a legislative EIS is the detailed statement required by NEPA to be included in a recommendation or report on a legislative proposal to Congress. Preparation of a legislative EIS is the same as outlined above except that there does not need to be a scoping process and generally only a draft EIS is prepared. Comments on the EIS shall be given to the lead agency which shall forward them, along with its own responses, to the congressional committees with jurisdiction.

Emergencies

§ 1506.11: where emergency circumstances make it necessary to take an action with significant environmental impacts without preparing an EIS, the federal agency taking the action should consult with CEQ about alternative arrangements.

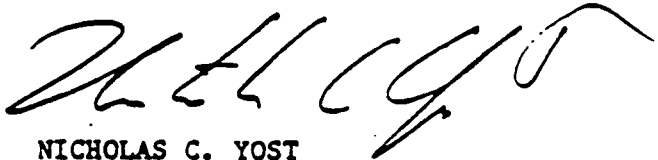
EXECUTIVE OFFICE OF THE PRESIDENT
COUNCIL ON ENVIRONMENTAL QUALITY
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April 30, 1981

MEMORANDUM FOR GENERAL COUNSELS, NEPA LIAISONS AND PARTICIPANTS IN SCOPING
SUBJECT: Scoping Guidance

As part of its continuing oversight of the implementation of the NEPA regulations, the Council on Environmental Quality has been investigating agency experience with scoping. This is the process by which the scope of the issues and alternatives to be examined in an EIS is determined. In a project led by Barbara Bramble of the General Counsel's staff, the Council asked federal agencies to report their scoping experiences; Council staff held meetings and workshops in all regions of the country to discuss scoping practice; and a contract study was performed for the Council to investigate what techniques work best for various kinds of proposals.

Out of this material has been distilled a series of recommendations for successfully conducting scoping. The attached guidance document consists of advice on what works and what does not, based on the experience of many agencies and other participants in scoping. It contains no new legal requirements beyond those in the NEPA regulations. It is intended to make generally available the results of the Council's research, and to encourage the use of better techniques for ensuring public participation and efficiency in the scoping process.



NICHOLAS C. YOST
General Counsel

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SCOPING GUIDANCE

I. Introduction

A. Background of this document.

In 1978, with the publication of the proposed NEPA regulations (since adopted as formal rules, 40 C.F.R. Parts 1500-1508), the Council on Environmental Quality gave formal recognition to an increasingly used term — scoping. Scoping is an idea that has long been familiar to those involved in NEPA compliance: In order to manage effectively the preparation of an environmental impact statement (EIS), one must determine the scope of the document — that is, what will be covered, and in what detail. Planning of this kind was a normal component of EIS preparation. But the consideration of issues and choice of alternatives to be examined was in too many cases completed outside of public view. The innovative approach to scoping in the regulations is that the process is open to the public and state and local governments, as well as to affected federal agencies. This open process gives rise to important new opportunities for better and more efficient NEPA analyses; and simultaneously places new responsibilities on public and agency participants alike to surface their concerns early. Scoping helps insure that real problems are identified early and properly studied; that issues that are of no concern do not consume time and effort; that the draft statement when first made public is balanced and thorough; and that the delays occasioned by re-doing an inadequate draft are avoided. Scoping does not create problems that did not already exist; it ensures that problems that would have been raised anyway are identified early in the process.

Many members of the public as well as agency staffs engaged in the NEPA process have told the Council that the open scoping requirement is one of the most far-reaching changes engendered by the NEPA regulations. They have predicted that scoping could have a profound positive effect on environmental analyses, on the impact statement process itself, and ultimately on decisionmaking.

Because the concept of open scoping was new, the Council decided to encourage agencies' innovation without unduly restrictive guidance. Thus the regulations relating to scoping are very simple. They state that "there shall be an early and open process for determining the scope of issues to be addressed" which "shall be termed scoping," but they lay down few specific requirements. (Section 1501.7*). They require an open process with public notice; identification of significant and insignificant issues; allocation of EIS preparation assignments; identification of related analysis requirements in order to avoid duplication of work; and the planning of a schedule for EIS preparation that meshes with the agency's decisionmaking

* All citations are to the NEPA regulations, 40 C.F.R. Parts 1500-1508 unless otherwise specified.

schedule. (Section 1501.7(a)). The regulations encourage, but do not require, setting time limits and page limits for the EIS, and holding scoping meetings. (Section 1501.7(b)). Aside from these general outlines, the regulations left the agencies on their own. The Council did not believe, and still does not, that it is necessary or appropriate to dictate the specific manner in which over 100 federal agencies should deal with the public. However, the Council has received several requests for more guidance. In 1980 we decided to investigate the agency and public response to the scoping requirement, to find out what was working and what was not, and to share this with all agencies and the public.

The Council first conducted its own survey, asking federal agencies to report some of their scoping experiences. The Council then contracted with the American Arbitration Association and Clark McGlemon Associates to survey the scoping techniques of major agencies and to study several innovative methods in detail.* Council staff conducted a two-day workshop in Atlanta in June 1980, to discuss with federal agency NEPA staff and several EIS contractors what seems to work best in scoping of different types of proposals, and discussed scoping with federal, state and local officials in meetings in all 10 federal regions.

This document is a distillation of all the work that has been done so far by many people to identify valuable scoping techniques. It is offered as a guide to encourage success and to help avoid pitfalls. Since scoping methods are still evolving, the Council welcomes any comments on this guide, and may add to it or revise it in coming years.

B. What scoping is and what it can do.

Scoping is often the first contact between proponents of a proposal and the public. This fact is the source of the power of scoping and of the trepidation that it sometimes evokes. If a scoping meeting is held, people on both sides of an issue will be in the same room and, if all goes well, will speak to each other. The possibilities that flow from this situation are vast. Therefore, a large portion of this document is devoted to the productive management of meetings and the defusing of possible heated disagreements.

Even if a meeting is not held, the scoping process leads EIS preparers to think about the proposal early on, in order to explain it to the public and affected agencies. The participants respond with their own concerns about significant issues and suggestions of alternatives. Thus as the draft EIS is prepared, it will include, from the beginning, a reflection or at least an acknowledgement of the cooperating agencies' and the public's concerns. This reduces the need for changes after the draft is finished, because it

* The results of this examination are reported in "Scoping the Content of EISs: An Evaluation of Agencies' Experiences," which is available from the Council or the Resource Planning Analysis Office of the U.S. Geological Survey, 750 National Center, Reston, Va. 22092.

reduces the chances of overlooking a significant issue or reasonable alternative. It also in many cases increases public confidence in NEPA and the decisionmaking process, thereby reducing delays, such as from litigation, later on when implementing the decisions. As we will discuss further in this document, the public generally responds positively when its views are taken seriously, even if they cannot be wholly accommodated.

But scoping is not simply another "public relations" meeting requirement. It has specific and fairly limited objectives: (a) to identify the affected public and agency concerns; (b) to facilitate an efficient EIS preparation process, through assembling the cooperating agencies, assigning EIS writing tasks, ascertaining all the related permits and reviews that must be scheduled concurrently, and setting time or page limits; (c) to define the issues and alternatives that will be examined in detail in the EIS while simultaneously devoting less attention and time to issues which cause no concern; and (d) to save time in the overall process by helping to ensure that draft statements adequately address relevant issues, reducing the possibility that new comments will cause a statement to be rewritten or supplemented.

Sometimes the scoping process enables early identification of a few serious problems with a proposal, which can be changed or solved because the proposal is still being developed. In these cases, scoping the EIS can actually lead to the solution of a conflict over the proposed action itself. We have found that this extra benefit of scoping occurs fairly frequently. But it cannot be expected in most cases, and scoping can still be considered successful when conflicts are clarified but not solved. This guide does not presume that resolution of conflicts over proposals is a principal goal of scoping, because it is only possible in limited circumstances. Instead, the Council views the principal goal of scoping to be an adequate and efficiently prepared EIS. Our suggestions and recommendations are aimed at reducing the conflicts among affected interests that impede this limited objective. But we are aware of the possibilities of more general conflict resolution that are inherent in any productive discussions among interested parties. We urge all participants in scoping processes to be alert to this larger context, in which scoping could prove to be the first step in environmental problem-solving.

Scoping can lay a firm foundation for the rest of the decisionmaking process. If the EIS can be relied upon to include all the necessary information for formulating policies and making rational choices, the agency will be better able to make a sound and prompt decision. In addition, if it is clear that all reasonable alternatives are being seriously considered, the public will usually be more satisfied with the choice among them.

II. Advice for Government Agencies Conducting Scoping

A. General context.

Scoping is a process, not an event or a meeting. It continues throughout the planning for an EIS, and may involve a series of meetings, telephone conversations, or written comments from different interested groups. Because it is a process, participants must remain flexible. The scope of an EIS occasionally may need to be modified later if a new issue surfaces,

no matter how thorough the scoping was. But it makes sense to try to set the scope of the statement as early as possible.

Scoping may identify people who already have knowledge about a site or an alternative proposal or a relevant study, and induce them to make it available. This can save a lot of research time and money. But people will not come forward unless they believe their views and materials will receive serious consideration. Thus scoping is a crucial first step toward building public confidence in a fair environmental analysis and ultimately a fair decisionmaking process.

One further point to remember: the lead agency cannot shed its responsibility to assess each significant impact or alternative even if one is found after scoping. But anyone who hangs back and fails to raise something that reasonably could have been raised earlier on will have a hard time prevailing during later stages of the NEPA process or if litigation ensues. Thus a thorough scoping process does provide some protection against subsequent lawsuits.

B. Step-by-step through the process.

1. Start scoping after you have enough information.

Scoping cannot be useful until the agency knows enough about the proposed action to identify most of the affected parties, and to present a coherent proposal and a suggested initial list of environmental issues and alternatives. Until that time there is no way to explain to the public or other agencies what you want them to get involved in. So the first stage is to gather preliminary information from the applicant, or to compose a clear picture of your proposal, if it is being developed by the agency.

2. Prepare an information packet.

In many cases, scoping of the EIS has been preceded by preparation of an environmental assessment (EA) as the basis for the decision to proceed with an EIS. In such cases, the EA will, of course, include the preliminary information that is needed.

If you have not prepared an EA, you should put together a brief information packet consisting of a description of the proposal, an initial list of impacts and alternatives, maps, drawings, and any other material or references that can help the interested public to understand what is being proposed. The proposed work plan of the EIS is not usually sufficient for this purpose. Such documents rarely contain a description of the goals of the proposal to enable readers to develop alternatives.

At this stage, the purpose of the information is to enable participants to make an intelligent contribution to scoping the EIS. Because they will be helping to plan what will be examined during the environmental review, they need to know where you are now in that planning process.

Include in the packet a brief explanation of what scoping is, and what procedure will be used, to give potential participants a context for their involvement. Be sure to point out that you want comments from participants

on very specific matters. Also reiterate that no decision has yet been made on the contents of the EIS, much less on the proposal itself. Thus, explain that you do not yet have a preferred alternative, but that you may identify the preferred alternative in the draft EIS. (See Section 1502.14(e)). This should reduce the tendency of participants to perceive the proposal as already a definite plan. Encourage them to focus on recommendations for improvements to the various alternatives.

Some of the complaints alleging that scoping can be a waste of time stem from the fact that the participants may not know what the proposal is until they arrive at a meeting. Even the most intelligent among us can rarely make useful, substantive comments on the spur of the moment. Don't expect helpful suggestions to result if participants are put in such a position.

3. Design the scoping process for each project.

There is no established or required procedure for scoping. The process can be carried out by meetings, telephone conversations, written comments, or a combination of all three. It is important to tailor the type, the timing and the location of public and agency comments to the proposal at hand.

For example, a proposal to adopt a land management plan for a National Forest in a sparsely populated region may not lend itself to calling a single meeting in a central location. While people living in the area and elsewhere may be interested, any meeting place will be inconvenient for most of the potential participants. One solution is to distribute the information packet, solicit written comments, list a telephone number with the name of the scoping coordinator, and invite comments to be phoned in. Otherwise, small meetings in several locations may be necessary when face-to-face communication is important.

In another case, a site-specific construction project may be proposed. This would be a better candidate for a central scoping meeting. But you must first find out if anyone would be interested in attending such a meeting. If you simply assume that a meeting is necessary, you may hire a hall and a stenographer, assemble your staff for a meeting, and find that nobody shows up. There are many proposals that just do not generate sufficient public interest to cause people to attend another public meeting. So a wise early step is to contact known local citizens groups and civic leaders.

In addition, you may suggest in your initial scoping notice and information packet that all those who desire a meeting should call to request one. That way you will only hear from those who are seriously interested in attending.

The question of where to hold a meeting is a difficult one in many cases. Except for site specific construction projects, it may be unclear where the interested parties can be found. For example, an EIS on a major energy development program may involve policy issues and alternatives to the program that are of interest to public groups all over the nation, and to agencies headquartered in Washington, D.C., while the physical impacts might be expected to be felt most strongly in a particular region of the country. In such a case, if personal contact is desired, several meetings

would be necessary, especially in the affected region and in Washington, to enable all interests to be heard.

As a general guide, unless a proposal has no site specific impacts, scoping meetings should not be confined to Washington. Agencies should try to elicit the views of people who are closer to the affected regions.

The key is to be flexible. It may not be possible to plan the whole scoping process at the outset, unless you know who all the potential players are. You can start with written comments, move on to an informal meeting, and hold further meetings if desired.

There are several reasons to hold a scoping meeting. First, some of the best effects of scoping stem from the fact that all parties have the opportunity to meet one another and to listen to the concerns of the others. There is no satisfactory substitute for personal contact to achieve this result. If there is any possibility that resolution of underlying conflicts over a proposal may be achieved, this is always enhanced by the development of personal and working relationships among the parties.

Second, even in a conflict situation people usually respond positively when they are treated as partners in the project review process. If they feel confident that their views were actually heard and taken seriously, they will be more likely to be satisfied that the decisionmaking process was fair even if they disagree with the outcome. It is much easier to show people that you are listening to them if you hold a face-to-face meeting where they can see you writing down their points, than if their only contact is through written comments.

If you suspect that a particular proposal could benefit from a meeting with the affected public at any time during its review, the best time to have the meeting is during this early scoping stage. The fact that you are willing to discuss openly a proposal before you have committed substantial resources to it will often enhance the chances for reaching an accord.

If you decide that a public meeting is appropriate, you still must decide what type of meeting, or how many meetings, to hold. We will discuss meetings in detail below in "Conducting a Public Meeting." But as part of designing the scoping process, you must decide between a single meeting and multiple ones for different interest groups, and whether to hold a separate meeting for government agency participants.

The single large public meeting brings together all the interested parties, which has both advantages and disadvantages. If the meeting is efficiently run, you can cover a lot of interests and issues in a short time. And a single meeting does reduce agency travel time and expense. In some cases it may be an advantage to have all interest groups hear each others' concerns, possibly promoting compromise. It is definitely important to have the staffs of the cooperating agencies, as well as the lead agency, hear the public views of what the significant issues are; and it will be difficult and expensive for the cooperating agencies to attend several meetings. But if there are opposing groups of citizens who feel strongly on both sides of an issue, the setting of the large meeting may needlessly create tension and an emotional confrontation between the groups. Moreover, some

people may feel intimidated in such a setting, and won't express themselves at all.

The principal drawback of the large meeting, however, is that it is generally unwieldy. To keep order, discussion is limited, dialogue is difficult, and often all participants are frustrated, agency and public alike. Large meetings can serve to identify the interest groups for future discussion, but often little else is accomplished. Large meetings often become "events" where grandstanding substitutes for substantive comments. Many agencies resort to a formal hearing-type format to maintain control, and this can cause resentments among participants who come to the meeting expecting a responsive discussion.

For these reasons, we recommend that meetings be kept small and informal, and that you hold several, if necessary, to accommodate the different interest groups. The other solution is to break a large gathering into small discussion groups, which is discussed below. Using either method increases the likelihood that participants will level with you and communicate their underlying concerns rather than make an emotional statement just for effect.

Moreover, in our experience, a separate meeting for cooperating agencies is quite productive. Working relationships can be forged for the effective participation of all involved in the preparation of the EIS. Work assignments are made by the lead agency, a schedule may be set for production of parts of the draft EIS, and information gaps can be identified early. But a productive meeting such as this is not possible at the very beginning of the process. It can only result from the same sort of planning and preparation that goes into the public meetings. We discuss below the special problems of cooperating agencies, and their information needs for effective participation in scoping.

4. Issuing the public notice.

The preliminary look at the proposal, in which you develop the information packet discussed above, will enable you to tell what kind of public notice will be most appropriate and effective.

Section 1501.7 of the NEPA regulations requires that a notice of intent to prepare an EIS must be published in the Federal Register prior to initiating scoping.* This means that one of the appropriate means of giving

* Several agencies have found it useful to conduct scoping for environmental assessments. EAs are prepared where answering the question of whether an EIS is necessary requires identification of significant environmental issues; and consideration of alternatives in an EA can often be useful even where an EIS is not necessary. In both situations scoping can be valuable. Thus the Council has stated that scoping may be used in connection with preparation of an EA, that is, before publishing any notice of intent to prepare an EIS. As in normal scoping, appropriate public notice is required, as well as adequate information on the proposal to make scoping worthwhile. But scoping at this early stage cannot substitute for the normal scoping process unless the earlier public notice stated clearly that this would be the case, and the notice of intent expressly provides that written comments suggesting impacts and alternatives for study will still be considered.

public notice of the upcoming scoping process could be the same Federal Register notice. And because the notice of intent must be published anyway, the scoping notice would be essentially free. But use of the Federal Register is not an absolute requirement, and other means of public notice often are more effective, including local newspapers, radio and TV, posting notices in public places, etc. (See Section 1506.6 of the regulations.)

What is important is that the notice actually reach the affected public. If the proposal is an important new national policy in which national environmental groups can be expected to be interested, these groups can be contacted by form letter with ease. (See the Conservation Directory for a list of national groups.**). Similarly, for proposals that may have major implications for the business community, trade associations can be helpful means of alerting affected groups. The Federal Register notice can be relied upon to notify others that you did not know about. But the Federal Register is of little use for reaching individuals or local groups interested in a site specific proposal. Therefore notices in local papers, letters to local government officials and personal contact with a few known interested individuals would be more appropriate. Land owners abutting any proposed project site should be notified individually.

Remember that issuing press releases to newspapers, and radio and TV stations is not enough, because they may not be used by the media unless the proposal is considered "newsworthy." If the proposal is controversial, you can try alerting reporters or editors to an upcoming scoping meeting for coverage in special weekend sections used by many papers. But placing a notice in the legal notices section of the paper is the only guarantee that it will be published.

5. Conducting a public meeting.

In our study of agency practice in conducting scoping, the most interesting information on what works and doesn't work involves the conduct of meetings. Innovative techniques have been developed, and experience shows that these can be successful.

One of the most important factors turns out to be the training and experience of the moderator. The U.S. Office of Personnel Management and others give training courses on how to run a meeting effectively. Specific techniques are taught to keep the meeting on course and to deal with confrontations. These techniques are sometimes called "meeting facilitation skills."

When holding a meeting, the principle thing to remember about scoping is that it is a process to initiate preparation of an EIS. It is not concerned with the ultimate decision on the proposal. A fruitful scoping process leads to an adequate environmental analysis, including all reasonable

** The Conservation Directory is a publication of the National Wildlife Federation, 1421 16th St., N.W., Washington, D.C. 20036, \$4.00.

alternatives and mitigation measures. This limited goal is in the interest of all the participants, and thus offers the possibility of agreement by the parties on this much at least. To run a successful meeting you must keep the focus on this positive purpose.

At the point of scoping therefore, in one sense all the parties involved have a common goal, which is a thorough environmental review. If you emphasize this in the meeting you can stop any grandstanding speeches without a heavy hand, by simply asking the speaker if he or she has any concrete suggestions for the group on issues to be covered in the EIS. By frequently drawing the meeting back to this central purpose of scoping, the opponents of a proposal will see that you have not already made a decision, and they will be forced to deal with the real issues. In addition, when people see that you are genuinely seeking their opinion, some will volunteer useful information about a particular subject or site that they may know better than anyone on your staff.

As we stated above, we found that informal meetings in small groups are the most satisfactory for eliciting useful issues and information. Small groups can be formed in two ways: you can invite different interest groups to different meetings, or you can break a large number into small groups for discussion.

One successful model is used by the Army Corps of Engineers, among others. In cases where a public meeting is desired, it is publicized and scheduled for a location that will be convenient for as many potential participants as possible. The information packet is made available in several ways, by sending it to those known to be interested, giving a telephone number in the public notices for use in requesting one, and providing more at the door of the meeting place as well. As participants enter the door, each is given a number. Participants are asked to register their name, address and/or telephone number for use in future contact during scoping and the rest of the NEPA process.

The first part of the meeting is devoted to a discussion of the proposal in general, covering its purpose, proposed location, design, and any other aspects that can be presented in a lecture format. A question and answer period concerning this information is often held at this time. Then if there are more than 15 or 20 attendees at the meeting, the next step is to break it into small groups for more intensive discussion. At this point, the numbers held by the participants are used to assign them to small groups by sequence, random drawing, or any other method. Each group should be no larger than 12, and 8-10 is better. The groups are informed that their task is to prepare a list of significant environmental issues and reasonable alternatives for analysis in the EIS. These lists will be presented to the main group and combined into a master list, after the discussion groups are finished. The rules for how priorities are to be assigned to the issues identified by each group should be made clear before the large group breaks up.

Some agencies ask each group member to vote for the 5 or 10 most important issues. After tallying the votes of individual members, each group would only report out those issues that received a certain number of votes. In this way only those items of most concern to the members would even make the list compiled by each group. Some agencies go further, and only let

each group report out the top few issues identified. But you must be careful not to ignore issues that may be considered a medium priority by many people. They may still be important, even if not in the top rank. Thus instead of simply voting, the members of the groups should rank the listed issues in order of perceived importance. Points may be assigned to each item on the basis of the rankings by each member, so that the group can compile a list of its issues in priority order. Each group should then be asked to assign cut-off numbers to separate high, medium and low priority items. Each group should then report out to the main meeting all of its issues, but with priorities clearly assigned.

One member of the lead agency or cooperating agency staff should join each group to answer questions and to listen to the participants' expressions of concern. It has been the experience of many of those who have tried this method that it is better not to have the agency person lead the group discussions. There does need to be a leader, who should be chosen by the group members. In this way, the agency staff member will not be perceived as forcing his opinions on the others.

If the agency has a sufficient staff of formally trained "meeting facilitators," they may be able to achieve the same result even where agency staff people lead the discussion groups. But absent such training, the staff should not lead the discussion groups. A good technique is to have the agency person serve as the recording secretary for the group, writing down each impact and alternative that is suggested for study by the participants. This enhances the neutral status of the agency representative, and ensures that he is perceived as listening and reacting to the views of the group. Frequently, the recording of issues is done with a large pad mounted on the wall like a blackboard, which has been well received by agency and public alike, because all can see that the views expressed actually have been heard and understood.

When the issues are listed, each must be clarified or combined with others to eliminate duplication or fuzzy concepts. The agency staff person can actually lead in this effort because of his need to reflect on paper exactly what the issues are. After the group has listed all the environmental impacts and alternatives and any other issues that the members wish to have considered, they are asked to discuss the relative merits and importance of each listed item. The group should be reminded that one of its tasks is to eliminate insignificant issues. Following this, the members assign priorities or vote using one of the methods described above.

The discussion groups are then to return to the large meeting to report on the results of their ranking. At this point further discussion may be useful to seek a consensus on which issues are really insignificant. But the moderator must not appear to be ruthlessly eliminating issues that the participants ranked of high or medium importance. The best that can usually be achieved is to "deemphasize" some of them, by placing them in the low priority category.

6. What to do with the comments.

After you have comments from the cooperating agencies and the interested public, you must evaluate them and make judgments about which issues are in

fact significant and which ones are not. The decision of what the EIS should contain is ultimately made by the lead agency. But you will now know what the interested participants consider to be the principal areas for study and analysis. You should be guided by these concerns, or be prepared to briefly explain why you do not agree. Every issue that is raised as a priority matter during scoping should be addressed in some manner in the EIS, either by in-depth analysis, or at least a short explanation showing that the issue was examined, but not considered significant for one or more reasons.

Some agencies have complained that the time savings claimed for scoping have not been realized because after public groups raise numerous minor matters, they cannot focus the EIS on the significant issues. It is true that it is always easier to add issues than it is to subtract them during scoping. And you should realize that trying to eliminate a particular environmental impact or alternative from study may arouse the suspicions of some people. Cooperating agencies may be even more reluctant to eliminate issues in their areas of special expertise than the public participants. But the way to approach it is to seek consensus on which issues are less important. These issues may then be deemphasized in the EIS by a brief discussion of why they were not examined in depth.

If no consensus can be reached, it is still your responsibility to select the significant issues. The lead agency cannot abdicate its role and simply defer to the public. Thus a group of participants at a scoping meeting should not be able to "vote" an insignificant matter into a big issue. If a certain issue is raised and in your professional judgment you believe it is not significant, explain clearly and briefly in the EIS why it is not significant. There is no need to devote time and pages to it in the EIS if you can show that it is not relevant or important to the proposed action. But you should address in some manner all matters that were raised in the scoping process, either by an extended analysis or a brief explanation showing that you acknowledge the concern.

Several agencies have made a practice of sending out a post-scoping document to make public the decisions that have been made on what issues to cover in the EIS. This is not a requirement, but in certain controversial cases it can be worthwhile. Especially when scoping has been conducted by written comments, and there has been no face-to-face contact, a post-scoping document is the only assurance to the participants that they were heard and understood until the draft EIS comes out. Agencies have acknowledged to us that "letters instead of meetings seem to get disregarded easier." Thus a reasonable quid pro quo for relying on comment letters would be to send out a post-scoping document as feedback to the commentators.

The post-scoping document may be as brief as a list of impacts and alternatives selected for analysis; it may consist of the "scope of work" produced by the lead and cooperating agencies for their own EIS work or for the contractor; or it may be a special document that describes all the issues and explains why they were selected.

7. Allocating work assignments and setting schedules.

Following the public participation in whatever form, and the selection of issues to be covered, the lead agency must allocate the EIS preparation work among the available resources. If there are no cooperating agencies, the lead agency allocates work among its own personnel or contractors. If there are cooperating agencies involved, they may be assigned specific research or writing tasks. The NEPA regulations require that they normally devote their own resources to the issues in which they have special expertise or jurisdiction by law. (Sections 1501.6(b)(3), (5), and 1501.7(a)(4)).

In all cases, the lead agency should set a schedule for completion of the work, designate a project manager and assign the reviewers, and must set a time limit for the entire NEPA analysis if requested to do so by an applicant. (Section 1501.8).

8. A few ideas to try.

a. Route design workshop

As part of a scoping process, a successful innovation by one agency involved route selection for a railroad. The agency invited representatives of the interested groups (identified at a previous public meeting) to try their hand at designing alternative routes for a proposed rail segment. Agency staff explained design constraints and evaluation criteria such as the desire to minimize damage to prime agricultural land and valuable wildlife habitat. The participants were divided into small groups for a few hours of intensive work. After learning of the real constraints on alternative routes, the participants had a better understanding of the agency's and applicant's viewpoints. Two of the participants actually supported alternative routes that affected their own land because the overall impacts of these routes appeared less adverse.

The participants were asked to rank the five alternatives they had devised and the top two were included in the EIS. But the agency did not permit the groups to apply the same evaluation criteria to the routes proposed by the applicant or the agency. Thus public confidence in the process was not as high as it could have been, and probably was reduced when the applicant's proposal was ultimately selected.

The Council recommends that when a hands-on design workshop is used, the assignment of the group be expanded to include evaluation of the reasonableness of all the suggested alternatives.

b. Hotline

Several agencies have successfully used a special telephone number, essentially a hotline, to take public comments before, after, or instead of a public meeting. It helps to designate a named staff member to receive these calls so that some continuity and personal relationships can be developed.

c. Videotape of sites

A videotape of proposed sites is an excellent tool for explaining site differences and limitations during the lecture-format part of a scoping meeting.

d. Videotape meetings

One agency has videotaped whole scoping meetings. Staff found that the participants took their roles more seriously and the taping appeared not to precipitate grandstanding tactics.

e. Review committee

Success has been reported from one agency which sets up review committees, representing all interested groups, to oversee the scoping process. The committees help to design the scoping process. In cooperation with the lead agency, the committee reviews the materials generated by the scoping meeting. Again, however, the final decision on EIS content is the responsibility of the lead agency.

f. Consultant as meeting moderator

In some hotly contested cases, several agencies have used the EIS consultant to actually run the scoping meeting. This is permitted under the NEPA regulations and can be useful to de-fuse a tense atmosphere if the consultant is perceived as a neutral third party. But the responsible agency officials must attend the meetings. There is no substitute for developing a relationship between the agency officials and the affected parties. Moreover, if the responsible officials are not prominently present, the public may interpret that to mean that the consultant is actually making the decisions about the EIS, and not the lead agency.

g. Money saving tips

Remember that money can be saved by using conference calls instead of meetings, tape-recording the meetings instead of hiring a stenographer, and finding out whether people want a meeting before announcing it.

C. Pitfalls.

We list here some of the problems that have been experienced in certain scoping cases, in order to enable others to avoid the same difficulties.

1. Closed meetings.

In response to informal advice from CEQ that holding separate meetings for agencies and the public would be permitted under the regulations and could be more productive, one agency scheduled a scoping meeting for the cooperating agencies some weeks in advance of the public meeting. Apparently, the lead agency felt that the views of the cooperating agencies would be more candidly expressed if the meeting were closed. In any event, several members of the public learned of the meeting and asked to be present. The lead agency acquiesced only after newspaper reporters were able to make a

story out of the closed session. At the meeting, the members of the public were informed that they would not be allowed to speak, nor to record the proceedings. The ill feeling aroused by this chain of events may not be repaired for a long time. Instead, we would suggest the following possibilities:

a. Although separate meetings for agencies and public groups may be more efficient, there is no magic to them. By all means, if someone insists on attending the agency meeting, let him. There is nothing as secret going on there as he may think there is if you refuse him admittance. Better yet, have your meeting of cooperating agencies after the public meeting. That may be the most logical time anyway, since only then can the scope of the EIS be decided upon and assignments made among the agencies. If it is well done, the public meeting will satisfy most people and show them that you are listening to them.

b. Always permit recording. In fact, you should suggest it for public meetings. All parties will feel better if there is a record of the proceeding. There is no need for a stenographer, and tape is inexpensive. It may even be better than a typed transcript, because staff and decision-makers who did not attend the meeting can listen to the exchange and may learn a lot about public perceptions of the proposal.

c. When people are admitted to a meeting, it makes no sense to refuse their requests to speak. However, you can legitimately limit their statements to the subject at hand—scoping. You do not have to permit some participants to waste the others' time if they refuse to focus on the impacts and alternatives for inclusion in the EIS. Having a tape of the proceedings could be useful after the meeting if there is some question that speakers were improperly silenced. But it takes an experienced moderator to handle a situation like this.

d. The scoping stage is the time for building confidence and trust on all sides of a proposal, because this is the only time when there is a common enterprise. The attitudes formed at this stage can carry through the project review process. Certainly it is difficult for things to get better. So foster the good will as long as you can by listening to what is being said during scoping. It is possible that out of that dialogue may appear recommendations for changes and mitigation measures that can turn a controversial fight into an acceptable proposal.

2. Contacting interested groups.

Some problems have arisen in scoping where agencies failed to contact all the affected parties, such as industries or state and local governments. In one case, a panel was assembled to represent various interests in scoping an EIS on a wildlife-related program. The agency had an excellent format for the meeting, but the panel did not represent industries that would be affected by the program or interested state and local governments. As a result, the EIS may fail to reflect the issues of concern to these parties.

Another agency reported to us that it failed to contact parties directly because staff feared that if they missed someone they would be accused of

favoritism. Thus they relied on the issuance of press releases which were not effective. Many people who did not learn about the meetings in time sought additional meeting opportunities, which cost extra money and delayed the process.

In our experience, the attempt to reach people is worth the effort. Even if you miss someone, it will be clear that you tried. You can enlist a few representatives of an interest group to help you identify and contact others. Trade associations, chambers of commerce, local civic groups, and local and national conservation groups can spread the word to members.

3. Tiering.

Many people are not familiar with the way environmental impact statements can be "tiered" under the NEPA regulations, so that issues are examined in detail at the stage that decisions on them are being made. See Section 1508.28 of the regulations. For example, if a proposed program is under review, it is possible that site specific actions are not yet proposed. In such a case, these actions are not addressed in the EIS on the program, but are reserved for a later tier of analysis. If tiering is being used, this concept must be made clear at the outset of any scoping meeting, so that participants do not concentrate on issues that are not going to be addressed at this time. If you can specify when these other issues will be addressed it will be easier to convince people to focus on the matters at hand.

4. Scoping for unusual programs.

One interesting scoping case involved proposed changes in the Endangered Species Program. Among the impacts to be examined were the effects of this conservation program on user activities such as mining, hunting, and timber harvest, instead of the other way around. Because of this reverse twist in the impacts to be analyzed, some participants had difficulty focusing on useful issues. Apparently, if the subject of the EIS is unusual, it will be even harder than normal for scoping participants to grasp what is expected of them.

In the case of the Endangered Species Program EIS, the agency planned an intensive 3 day scoping session, successfully involved the participants, and reached accord on several issues that would be important for the future implementation of the program. But the participants were unable to focus on impacts and program alternatives for the EIS. We suggest that if the intensive session had been broken up into 2 or 3 meetings separated by days or weeks, the participants might have been able to get used to the new way of thinking required, and thereby to participate more productively. Programmatic proposals are often harder to deal with in a scoping context than site specific projects. Thus extra care should be taken in explaining the goals of the proposal and in making the information available well in advance of any meetings.

D. Lead and Cooperating Agencies.

Some problems with scoping revolve around the relationship between lead and cooperating agencies. Some agencies are still uncomfortable with these

roles. The NEPA regulations, and the 40 Questions and Answers about the NEPA Regulations, 46 Fed. Reg. 18026, (March 23, 1981) describe in detail the way agencies are now asked to cooperate on environmental analyses. (See Questions 9, 14, and 30.) We will focus here on the early phase of that cooperation.

It is important for the lead agency to be as specific as possible with the cooperating agencies. Tell them what you want them to contribute during scoping: environmental impacts and alternatives. Some agencies still do not understand the purpose of scoping.

Be sure to contact and involve representatives of the cooperating agencies who are responsible for NEPA-related functions. The lead agency will need to contact staff of the cooperating agencies who can both help to identify issues and alternatives and commit resources to a study, agree to a schedule for EIS preparation, or approve a list of issues as sufficient. In some agencies that will be at the district or state office level (e.g., Corps of Engineers, Bureau of Land Management, and Soil Conservation Service) for all but exceptional cases. In other agencies you must go to regional offices for scoping comments and commitments (e.g., EPA, Fish and Wildlife Service, Water and Power Resources Service). In still others, the field offices do not have NEPA responsibilities or expertise and you will deal directly with headquarters (e.g., Federal Energy Regulatory Commission, Interstate Commerce Commission). In all cases you are looking for the office that can give you the answers you need. So keep trying until you find the organizational level of the cooperating agency that can give you useful information and that has the authority to make commitments.

As stated in 40 Questions and Answers about the NEPA Regulations, the lead agency has the ultimate responsibility for the content of the EIS, but if it leaves out a significant issue or ignores the advice and expertise of the cooperating agency, the EIS may be found later to be inadequate. (46 Fed. Reg. 18030, Question 14b.) At the same time, the cooperating agency will be concerned that the EIS contain material sufficient to satisfy its decisionmaking needs. Thus, both agencies have a stake in producing a document of good quality. The cooperating agencies should be encouraged not only to participate in scoping but also to review the decisions made by the lead agency about what to include in the EIS. Lead agencies should allow any information needed by a cooperating agency to be included, and any issues of concern to the cooperating agency should be covered, but it usually will have to be at the expense of the cooperating agency.

Cooperating agencies have at least as great a need as the general public for advance information on a proposal before any scoping takes place. Agencies have reported to us that information from the lead agency is often too sketchy or comes too late for informed participation. Lead agencies must clearly explain to all cooperating agencies what the proposed action is conceived to be at this time, and what present alternatives and issues the lead agency sees, before expecting other agencies to devote time and money to a scoping session. Informal contacts among the agencies before scoping gets underway are valuable to establish what the cooperating agencies will need for productive scoping to take place.

Some agencies will be called upon to be cooperators more frequently than others, and they may lack the resources to respond to the numerous requests. The NEPA regulations permit agencies without jurisdiction by law (i.e., no approval authority over the proposal) to decline the cooperating agency role. (Section 1501.6(c)). But agencies that do have jurisdiction by law cannot opt out entirely and may have to reduce their cooperating effort devoted to each EIS. (See Section 1501.6(c) and 40 Questions and Answers about the NEPA Regulations, 46 Fed. Reg. 18030, Question 14a.) Thus, cooperators would be greatly aided by a priority list from the lead agency showing which proposals most need their help. This will lead to a more efficient allocation of resources.

Some cooperating agencies are still holding back at the scoping stage in order to retain a critical position for later in the process. They either avoid the scoping sessions or fail to contribute, and then raise objections in comments on the draft EIS. We cannot emphasize enough that the whole point of scoping is to avoid this situation. As we stated in 40 Questions and Answers about the NEPA Regulations, "if the new alternative [or other issue] was not raised by the commentor during scoping, but could have been, commentors may find that they are unpersuasive in their efforts to have their suggested alternative analyzed in detail by the [lead] agency." (46 Fed. Reg. 18035, Question 29b.)

III. Advice for Public Participants

Scoping is a new opportunity for you to enter the earliest phase of the decisionmaking process on proposals that affect you. Through this process you have access to public officials before decisions are made and the right to explain your objections and concerns. But this opportunity carries with it a new responsibility. No longer may individuals hang back until the process is almost complete and then spring forth with a significant issue or alternative that might have been raised earlier. You are now part of the review process, and your role is to inform the responsible agencies of the potential impacts that should be studied, the problems a proposal may cause that you foresee, and the alternatives and mitigating measures that offer promise.

As noted above, and in 40 Questions and Answers, no longer will a comment raised for the first time after the draft EIS is finished be accorded the same serious consideration it would otherwise have merited if the issue had been raised during scoping. Thus you have a responsibility to come forward early with known issues.

In return, you get the chance to meet the responsible officials and to make the case for your alternative before they are committed to a course of action. To a surprising degree this avenue has been found to yield satisfactory results. There's no guarantee, of course, but when the alternative you suggest is really better, it is often hard for a decisionmaker to resist.

There are several problems that commonly arise that public participants should be aware of:

A. Public input is often only negative

The optimal timing of scoping within the NEPA process is difficult to judge. On the one hand, as explained above (Section II.B.1.), if it is attempted too early, the agency cannot explain what it has in mind and informed participation will be impossible. On the other, if it is delayed, the public may find that significant decisions are already made, and their comments may be discounted or will be too late to change the project. Some agencies have found themselves in a tactical cross-fire when public criticism arises before they can even define their proposal sufficiently to see whether they have a worthwhile plan. Understandably, they would be reluctant after such an experience to invite public criticism early in the planning process through open scoping. But it is in your interest to encourage agencies to come out with proposals in the early stage because that enhances the possibility of your comments being used. Thus public participants in scoping should reduce the emotion level wherever possible and use the opportunity to make thoughtful, rational presentations on impacts and alternatives. Polarizing over issues too early hurts all parties. If agencies get positive and useful public responses from the scoping process, they will more frequently come forward with proposals early enough so that they can be materially improved by your suggestions.

B. Issues are too broad

The issues that participants tend to identify during scoping are much too broad to be useful for analytical purposes. For example, "cultural impacts" — what does this mean? What precisely are the impacts that should be examined? When the EIS preparers encounter a comment as vague as this they will have to make their own judgment about what you meant, and you may find that your issues are not covered. Thus, you should refine the broad general topics, and specify which issues need evaluation and analysis.

C. Impacts are not identified

Similarly, people (including agency staff) frequently identify "causes" as issues but fail to identify the principal "effects" that the EIS should evaluate in depth. For example, oil and gas development is a cause of many impacts. Simply listing this generic category is of little help. You must go beyond the obvious causes to the specific effects that are of concern. If you want scoping to be seen as more than just another public meeting, you will need to put in extra work.

IV. Brief Points For Applicants.

Scoping can be an invaluable part of your early project planning. Your main interest is in getting a proposal through the review process. This interest is best advanced by finding out early where the problems with the proposal are, who the affected parties are, and where accommodations can be made. Scoping is an ideal meeting place for all the interest groups if you have not already contacted them. In several cases, we found that the compromises made at this stage allowed a project to move efficiently through the permitting process virtually unopposed.

The NEPA regulations place an affirmative obligation on agencies to "provide for cases where actions are planned by private applicants" so that designated staff are available to consult with the applicants, to advise applicants of information that will be required during review, and to insure that the NEPA process commences at the earliest possible time. (Section 1501.2(d)). This section of the regulations is intended to ensure that environmental factors are considered at an early stage in the applicant's planning process. (See 40 Questions and Answers about the NEPA Regulations, 46 Fed. Reg. 18028, Questions 8 and 9.)

Applicants should take advantage of this requirement in the regulations by approaching the agencies early to consult on alternatives, mitigation requirements, and the agency's information needs. This early contact with the agency can facilitate a prompt initiation of the scoping process in cases where an EIS will be prepared. You will need to furnish sufficient information about your proposal to enable the lead agency to formulate a coherent presentation for cooperating agencies and the public. But don't wait until your choices are all made and the alternatives have been eliminated. (Section 1506.1).

During scoping, be sure to attend any of the public meetings unless the agency is dividing groups by interest affiliation. You will be able to answer any questions about the proposal, and even more important, you will be able to hear the objections raised, and find out what the real concerns of the public are. This is, of course, vital information for future negotiations with the affected parties.

46 Fed. Reg. 18026 (Mar. 23, 1981),
As amended.

COUNCIL ON ENVIRONMENTAL QUALITY
Executive Office of the President

Memorandum to Agencies:

**Forty Most Asked Questions Concerning
CEQ's National Environmental Policy Act Regulations**

SUMMARY: The Council on Environmental Quality, as part of its oversight of implementation of the National Environmental Policy Act, held meetings in the ten Federal regions with Federal, State, and local officials to discuss administration of the implementing regulations. The forty most asked questions were compiled in a memorandum to agencies for the information of relevant officials. In order efficiently to respond to public inquiries this memorandum is reprinted in this issue of the Federal Register.

Ref: 40 CFR Parts 1500 - 1508 (1987).

FOR FURTHER INFORMATION CONTACT:

General Counsel, Council on Environmental Quality, 722 Jackson Place NW,
Washington, D.C. 20006; (202)-395-5750.

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EXECUTIVE OFFICE OF THE PRESIDENT
COUNCIL ON ENVIRONMENTAL QUALITY
WASHINGTON, D.C. 20503

March 16, 1981

MEMORANDUM FOR FEDERAL NEPA LIAISONS, FEDERAL, STATE, AND LOCAL
OFFICIALS AND OTHER PERSONS INVOLVED IN THE NEPA PROCESS

Subject: Questions and Answers About the NEPA Regulations

During June and July of 1980 the Council on Environmental Quality, with the assistance and cooperation of EPA's EIS Coordinators from the ten EPA regions, held one-day meetings with federal, state and local officials in the ten EPA regional offices around the country. In addition, on July 10, 1980, CEQ conducted a similar meeting for the Washington, D.C. NEPA liaisons and persons involved in the NEPA process. At these meetings CEQ discussed (a) the results of its 1980 review of Draft EISs issued since the July 30, 1979 effective date of the NEPA regulations, (b) agency compliance with the Record of Decision requirements in Section 1505 of the NEPA regulations, and (c) CEQ's preliminary findings on how the scoping process is working. Participants at these meetings received copies of materials prepared by CEQ summarizing its oversight and findings.

These meetings also provided NEPA liaisons and other participants with an opportunity to ask questions about NEPA and the practical application of the NEPA regulations. A number of these questions were answered by CEQ representatives at the regional meetings. In response to the many requests from the agencies and other participants, CEQ has compiled forty of the most important or most frequently asked questions and their answers and reduced them to writing. The answers were prepared by the General Counsel of CEQ in consultation with the Office of Federal Activities of EPA. These answers, of course, do not impose any additional requirements beyond those of the NEPA regulations. This document does not represent new guidance under the NEPA regulations, but rather makes generally available to concerned agencies and private individuals the answers which CEQ has already given at the 1980 regional meetings. The answers also reflect the advice which the Council has given over the past two years to aid agency staff and consultants in their day-to-day application of NEPA and the regulations.

CEQ has also received numerous inquiries regarding the scoping process. CEQ hopes to issue written guidance on scoping later this year on the basis of its special study of scoping, which is nearing completion.

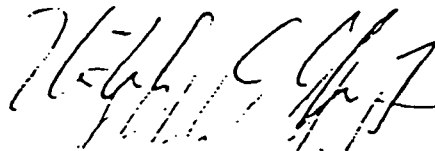

NICHOLAS C. YOST
General Counsel

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ENDNOTES 32

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1a. **Range of Alternatives.** What is meant by "range of alternatives" as referred to in Sec. 1505.1(e)?¹

- A. The phrase "range of alternatives" refers to the alternatives discussed in environmental documents. It includes all reasonable alternatives, which must be rigorously explored and objectively evaluated, as well as those other alternatives, which are eliminated from detailed study with a brief discussion of the reasons for eliminating them. Section 1502.14. A decisionmaker must not consider alternatives beyond the range of alternatives discussed in the relevant environmental documents. Moreover, a decisionmaker must, in fact, consider all the alternatives discussed in an EIS. Section 1505.1(e).

1b. **How many alternatives** have to be discussed when there is an infinite number of possible alternatives?

- A. For some proposals there may exist a very large or even an infinite number of possible reasonable alternatives. For example, a proposal to designate wilderness areas within a National Forest could be said to involve an infinite number of alternatives from 0 to 100 percent of the forest. When there are potentially a very large number of alternatives, only a reasonable number of examples, covering the full spectrum of alternatives, must be analyzed and compared in the EIS. An appropriate series of alternatives might include dedicating 0, 10, 30, 50, 70, 90, or 100 percent of the Forest to wilderness. What constitutes a reasonable range of alternatives depends on the nature of the proposal and the facts in each case.

2a. **Alternatives Outside the Capability of Applicant or Jurisdiction of Agency.** If an EIS is prepared in connection with an application for a permit or other federal approval, must the EIS rigorously analyze and discuss alternatives that are outside the capability of the applicant or can it be limited to reasonable alternatives that can be carried out by the applicant?

- A. Section 1502.14 requires the EIS to examine all reasonable alternatives to the proposal. In determining the scope of alternatives to be considered, the emphasis is on what is "reasonable" rather than on whether the proponent or applicant likes or is itself capable of carrying out a particular alternative. Reasonable alternatives include those that are practical or feasible from the technical and economic standpoint and using common sense, rather than simply desirable from the standpoint of the applicant.

2b. **Must the EIS analyze alternatives outside the jurisdiction or capability of the agency or beyond what Congress has authorized?**

- A. An alternative that is outside the legal jurisdiction of the lead agency must still be analyzed in the EIS if it is reasonable. A potential conflict with local or federal law

does not necessarily render an alternative unreasonable, although such conflicts must be considered. Section 1506.2(d). Alternatives that are outside the scope of what Congress has approved or funded must still be evaluated in the EIS if they are reasonable, because the EIS may serve as the basis for modifying the Congressional approval or funding in light of NEPA's goals and policies. Section 1500.1(a).

3. No-Action Alternative. What does the "no action" alternative include? If an agency is under a court order or legislative command to act, must the EIS address the "no action" alternative?

A. Section 1502.14(d) requires the alternatives analysis in the EIS to "include the alternative of no action." There are two distinct interpretations of "no action" that must be considered, depending on the nature of the proposal being evaluated. The first situation might involve an action such as updating a land management plan where ongoing programs initiated under existing legislation and regulations will continue, even as new plans are developed. In these cases "no action" is "no change" from current management direction or level of management intensity. To construct an alternative that is based on no management at all would be a useless academic exercise. Therefore, the "no action" alternative may be thought of in terms of continuing with the present course of action until that action is changed. Consequently, projected impacts of alternative management schemes would be compared in the EIS to those impacts projected for the existing plan. In this case, alternatives would include management plans of both greater and lesser intensity, especially greater and lesser levels of resource development.

The second interpretation of "no action" is illustrated in instances involving federal decisions on proposals for projects. "No action" in such cases would mean the proposed activity would not take place, and the resulting environmental effects from taking no action would be compared with the effects of permitting the proposed activity or an alternative activity to go forward.

Where a choice of "no action" by the agency would result in predictable actions by others, this consequence of the "no action" alternative should be included in the analysis. For example, if denial of permission to build a railroad to a facility would lead to construction of a road and increased truck traffic, the EIS should analyze this consequence of the "no action" alternative.

In light of the above, it is difficult to think of a situation where it would not be appropriate to address a "no action" alternative. Accordingly, the regulations require the analysis of the no action alternative even if the agency is under a court order or legislative command to act. This analysis provides a benchmark, enabling decisionmakers to compare the magnitude of environmental effects of the action alternatives. It is also an example of a reasonable alternative outside the jurisdiction of the agency which must be analyzed. Section 1502.14(c). See Question 2 above.

Inclusion of such an analysis in the EIS is necessary to inform the Congress, the public, and the President as intended by NEPA. Section 1500.1(a).

4a. Agency's Preferred Alternative. What is the "agency's preferred alternative"?

- A. The "agency's preferred alternative" is the alternative which the agency believes would fulfill its statutory mission and responsibilities, giving consideration to economic, environmental, technical and other factors. The concept of the "agency's preferred alternative" is different from the "environmentally preferable alternative," although in some cases one alternative may be both. See Question 6 below. It is identified so that agencies and the public can understand the lead agency's orientation.

4b. Does the "preferred alternative" have to be identified in the Draft EIS and the Final EIS or just in the Final EIS?

- A. Section 1502.14(e) requires the section of the EIS on alternatives to "identify the agency's preferred alternative if one or more exists, in the draft statement, and identify such alternative in the final statement . . ." This means that if the agency has a preferred alternative at the Draft EIS stage, that alternative must be labeled or identified as such in the Draft EIS. If the responsible federal official in fact has no preferred alternative at the Draft EIS stage, a preferred alternative need not be identified there. By the time the Final EIS is filed, Section 1502.14(e) presumes the existence of a preferred alternative and requires its identification in the Final EIS "unless another law prohibits the expression of such a preference."

4c. Q. Who recommends or determines the "preferred alternative?"

- A. The lead agency's official with line responsibility for preparing the EIS and assuring its adequacy is responsible for identifying the agency's preferred alternative(s). The NEPA regulations do not dictate which official in an agency shall be responsible for preparation of EISs, but agencies can identify this official in their implementing procedures, pursuant to Section 1507.3.

Even though the agency's preferred alternative is identified by the EIS preparer in the EIS, the statement must be objectively prepared and not slanted to support the choice of the agency's preferred alternative over the other reasonable and feasible alternatives.

5. Proposed Action v. Preferred Alternative. Is the "proposed action" the same thing as the "preferred alternative"?

- A. The "proposed action" may be, but is not necessarily, the agency's "preferred alternative." The proposed action may be a proposal in its initial form before

undergoing analysis in the EIS process. If the proposed action is internally generated, such as preparing a land management plan, the proposed action might end up as the agency's preferred alternative. On the other hand the proposed action may be granting an application to a non-federal entity for a permit. The agency may or may not have a "preferred alternative" at the Draft EIS stage (see Question 4 above). In that case the agency may decide at the Final EIS stage, on the basis of the Draft EIS and the public and agency comments, that an alternative other than the proposed action is the agency's "preferred alternative."

5b. Is the analysis of the **"proposed action"** in an EIS to be treated differently from the analysis of alternatives?

A. The degree of analysis devoted to each alternative in the EIS is to be substantially similar to that devoted to the "proposed action." Section 1502.14 is titled "Alternatives including the proposed action" to reflect such comparable treatment. Section 1502.14(b) specifically requires "substantial treatment" in the EIS of each alternative including the proposed action. This regulation does not dictate an amount of information to be provided, but rather, prescribes a level of treatment, which may in turn require varying amounts of information, to enable a reviewer to evaluate and compare alternatives.

6a. **Environmentally Preferable Alternative.** What is the meaning of the term "environmentally preferable alternative" as used in the regulations with reference to Records of Decision? How is the term "environment" used in the phrase?

A. Section 1505.2(b) requires that, in cases where an EIS has been prepared, the Record of Decision (ROD) must identify all alternatives that were considered, ". . . specifying the alternative or alternatives which were considered to be environmentally preferable." The environmentally preferable alternative is the alternative that will promote the national environmental policy as expressed in NEPA's Section 101. Ordinarily, this means the alternative that causes the least damage to the biological and physical environment; it also means the alternative which best protects, preserves, and enhances historic, cultural, and natural resources.

The Council recognizes that the identification of the environmentally preferable alternative may involve difficult judgments, particularly when one environmental value must be balanced against another. The public and other agencies reviewing a Draft EIS can assist the lead agency to develop and determine environmentally preferable alternatives by providing their views in comments on the Draft EIS. Through the identification of the environmentally preferable alternative, the decisionmaker is clearly faced with a choice between that alternative and others, and must consider whether the decision accords with the Congressionally declared policies of the Act.

6b. Who recommends or determines what is environmentally preferable?

- A. The agency EIS staff is encouraged to make recommendations of the environmentally preferable alternative(s) during EIS preparation. In any event the lead agency official responsible for the EIS is encouraged to identify the environmentally preferable alternative(s) in the EIS. In all cases, commentors from other agencies and the public are also encouraged to address this question. The agency must identify the environmentally preferable alternative in the ROD.

7. Difference Between Sections of EIS on Alternatives and Environmental Consequences. What is the difference between the sections in the EIS on "alternatives" and "environmental consequences"? How do you avoid duplicating the discussion of alternatives in preparing these two sections?

- A. The "alternatives" section is the heart of the EIS. This section rigorously explores and objectively evaluates all reasonable alternatives including the proposed action. Section 1502.14. It should include relevant comparisons on environmental and other grounds. The "environmental consequences" section of the EIS discusses the specific environmental impacts or effects of each of the alternatives including the proposed action. Section 1502.16. In order to avoid duplication between these two sections, most of the "alternatives" section should be devoted to describing and comparing the alternatives. Discussion of the environmental impacts of these alternatives should be limited to a concise descriptive summary of such impacts in a comparative form, including charts or tables, thus sharply defining the issues and providing a clear basis for choice among options. Section 1502.14. The "environmental consequences" section should be devoted largely to a scientific analysis of the direct and indirect environmental effects of the proposed action and of each of the alternatives. It forms the analytic basis for the concise comparison in the "alternatives" section.

8. Early Application of NEPA. Section 1501.2(d) of the NEPA regulations requires agencies to provide for the early application of NEPA to cases where actions are planned by private applicants or non-Federal entities and are, at some stage, subject to federal approval of permits, loans, loan guarantees, insurance or other actions. What must and can agencies do to apply NEPA early in these cases?

- A. Section 1501.2(d) requires federal agencies to take steps toward ensuring that private parties and state and local entities initiate environmental studies as soon as federal involvement in their proposals can be foreseen. This section is intended to ensure that environmental factors are considered at an early stage in the planning process and to avoid the situation where the applicant for a federal permit or approval has completed planning and eliminated all alternatives to the proposed action by the time the EIS process commences or before the EIS process has been completed.

Through early consultation, business applicants and approving agencies may gain better appreciation of each other's needs and foster a decisionmaking process which avoids later unexpected confrontations.

Federal agencies are required by Section 1507.3(b) to develop procedures to carry out Section 1501.2(d). The procedures should include an "outreach program", such as a means for prospective applicants to conduct pre-application consultations with the lead and cooperating agencies. Applicants need to find out, in advance of project planning, what environmental studies or other information will be required, and what mitigation requirements are likely, in connecton with the later federal NEPA process. Agencies should designate staff to advise potential applicants of the agency's NEPA information requirements and should publicize their pre-application procedures and information requirements in newsletters or other media used by potential applicants.

Complementing Section 1501.2(d), Section 1506.5(a) requires agencies to assist applicants by outlining the types of information required in those cases where the agency requires the applicant to submit environmental data for possible use by the agency in preparing an EIS.

Section 1506.5(b) allows agencies to authorize preparation of environmental assessments by applicants. Thus, the procedures should also include a means for anticipating and utilizing applicants' environmental studies or "early corporate environmental assessments" to fulfill some of the federal agency's NEPA obligations. However, in such cases the agency must still evaluate independently the environmental issues and take responsibility for the environmental assessment.

These provisions are intended to encourage and enable private and other non-federal entities to build environmental considerations into their own planning processes in a way that facilitates the application of NEPA and avoids delay.

9. Applicant Who Needs Other Permits. To what extent must an agency inquire into whether an applicant for a federal permit, funding or other approval of a proposal will also need approval from another agency for the same proposal or some other related aspect of it?

- A. Agencies must integrate the NEPA process into other planning at the earliest possible time to insure that planning and decisions reflect environmental values, to avoid delays later in the process, and to head off potential conflicts. Specifically, the agency must "provide for cases where actions are planned by . . . applicants," so that designated staff are available to advise potential applicants of studies or other information that will foreseeably be required for the later federal action; the agency shall consult with the applicant if the agency foresees its own involvement in the proposal; and it shall insure that the NEPA process commences at the earliest possible time. Section 1501.2(d). (See Question 8.)

The regulations emphasize agency cooperation early in the NEPA process. Section 1501.6. Section 1501.7 on "scoping" also provides that all affected Federal agencies are to be invited to participate in scoping the environmental issues and to identify the various environmental review and consultation requirements that may apply to the proposed action. Further, Section 1502.25(b) requires that the draft EIS list all the federal permits, licenses and other entitlements that are needed to implement the proposal.

These provisions create an affirmative obligation on federal agencies to inquire early, and to the maximum degree possible, to ascertain whether an applicant is or will be seeking other federal assistance or approval, or whether the applicant is waiting until a proposal has been substantially developed before requesting federal aid or approval.

Thus, a federal agency receiving a request for approval or assistance should determine whether the applicant has filed separate requests for federal approval or assistance with other federal agencies. Other federal agencies that are likely to become involved should then be contacted, and the NEPA process coordinated, to insure an early and comprehensive analysis of the direct and indirect effects of the proposal and any related actions. The agency should inform the applicant that action on its application may be delayed unless it submits all other federal applications (where feasible to do so), so that all the relevant agencies can work together on the scoping process and preparation of the EIS.

10a. Limitations on Action During 30-Day Review Period for Final EIS. What actions by agencies and/or applicants are allowed during EIS preparation and during the 30-day review period after publication of a final EIS?

- A. No federal decision on the proposed action shall be made or recorded until at least 30 days after the publication by EPA of notice that the particular EIS has been filed with EPA. Sections 1505.2 and 1506.10. Section 1505.2 requires this decision to be stated in a public Record of Decision.

Until the agency issues its Record of Decision, no action by an agency or an applicant concerning the proposal shall be taken which would have an adverse environmental impact or limit the choice of reasonable alternatives. Section 1506.1(a). But this does not preclude preliminary planning or design work which is needed to support an application for permits or assistance. Section 1506.1(d).

When the impact statement in question is a program EIS, no major action concerning the program may be taken which may significantly affect the quality of the human environment, unless the particular action is justified independently of the program, is accompanied by its own adequate environmental impact statement and will not prejudice the ultimate decision on the program. Section 1506.1(c).

10b. Do these limitations on action (described in Question 10a) apply to state or local agencies that have statutorily delegated responsibility for preparation of environmental documents required by NEPA, for example, under the HUD Block Grant program?

A. Yes, these limitations do apply, without any variation from their application to federal agencies.

11. Limitations on Actions by an Applicant During EIS Process. What actions must a lead agency take during the NEPA process when it becomes aware that a non-federal applicant is about to take an action within the agency's jurisdiction that would either have an adverse environmental impact or limit the choice of reasonable alternatives (e.g., prematurely commit money or other resources towards the completion of the proposal)?

A. The federal agency must notify the applicant that the agency will take strong affirmative steps to insure that the objectives and procedures of NEPA are fulfilled. Section 1506.1(b). These steps could include seeking injunctive measures under NEPA, or the use of sanctions available under either the agency's permitting authority or statutes setting forth the agency's statutory mission. For example, the agency might advise an applicant that if it takes such action the agency will not process its application.

12a. Effective Date and Enforceability of the Regulations. What actions are subject to the Council's new regulations, and what actions are grandfathered under the old guidelines?

A. The effective date of the Council's regulations was July 30, 1979 (except for certain HUD programs under the Housing and Community Development Act, 42 U.S.C. 5304(h), and certain state highway programs that qualify under Section 102(2)(D) of NEPA for which the regulations became effective on November 30, 1979). All the provisions of the regulations are binding as of that date, including those covering decisionmaking, public participation, referrals, limitations on actions, EIS supplements, etc. For example, a Record of Decision would be prepared even for decisions where the draft EIS was filed before July 30, 1979.

But in determining whether or not the new regulations apply to the preparation of a particular environmental document, the relevant factor is the date of filing of the draft of that document. Thus, the new regulations do not require the redrafting of an EIS or supplement if the draft EIS or supplement was filed before July 30, 1979. However, a supplement prepared after the effective date of the regulations for an EIS issued in final before the effective date of the regulations would be controlled by the regulations.

Even though agencies are not required to apply the regulations to an EIS or other document for which the draft was filed prior to July 30, 1979, the regulations

encourage agencies to follow the regulations "to the fullest extent practicable," i.e., if it is feasible to do so, in preparing the final document. Section 1506.12(a).

12b. Are projects authorized by Congress before the effective date of the Council's regulations grandfathered?

A. No. The date of Congressional authorization for a project is not determinative of whether the Council's regulations or former Guidelines apply to the particular proposal. No incomplete projects or proposals of any kind are grandfathered in whole or in part. Only certain environmental documents, for which the draft was issued before the effective date of the regulations, are grandfathered and subject to the Council's former Guidelines.

12c. Can a violation of the regulations give rise to a cause of action?

A. While a trivial violation of the regulations would not give rise to an independent cause of action, such a cause of action would arise from a substantial violation of the regulations. Section 1500.3.

13. Use of Scoping Before Notice of Intent to Prepare EIS. Can the scoping process be used in connection with preparation of an environmental assessment, i.e., before both the decision to proceed with an EIS and publication of a notice of intent?

A. Yes. Scoping can be a useful tool for discovering alternatives to a proposal, or significant impacts that may have been overlooked. In cases where an environmental assessment is being prepared to help an agency decide whether to prepare an EIS, useful information might result from early participation by other agencies and the public in a scoping process.

The regulations state that the scoping process is to be preceded by a Notice of Intent (NOI) to prepare an EIS. But that is only the minimum requirement. Scoping may be initiated earlier, as long as there is appropriate public notice and enough information available on the proposal so that the public and relevant agencies can participate effectively.

However, scoping that is done before the assessment, and in aid of its preparation, cannot substitute for the normal scoping process after publication of the NOI, unless the earlier public notice stated clearly that this possibility was under consideration, and the NOI expressly provides that written comments on the scope of alternatives and impacts will still be considered.

14a. Rights and Responsibilities of Lead and Cooperating Agencies. What are the respective rights and responsibilities of lead and cooperating agencies? What letters and memoranda must be prepared?

- A. After a lead agency has been designated (Sec. 1501.5), that agency has the responsibility to solicit cooperation from other federal agencies that have jurisdiction by law or special expertise on any environmental issue that should be addressed in the EIS being prepared. Where appropriate, the lead agency should seek the cooperation of state or local agencies of similar qualifications. When the proposal may affect an Indian reservation, the agency should consult with the Indian tribe. Section 1508.5. The request for cooperation should come at the earliest possible time in the NEPA process.

After discussions with the candidate cooperating agencies, the lead agency and the cooperating agencies are to determine by letter or by memorandum which agencies will undertake cooperating responsibilities. To the extent possible at this stage, responsibilities for specific issues should be assigned. The allocation of responsibilities will be completed during scoping. Section 1501.7(a)(4).

Cooperating agencies must assume responsibility for the development of information and the preparation of environmental analyses at the request of the lead agency. Section 1501.6(b)(3). Cooperating agencies are now required by Section 1501.6 to devote staff resources that were normally primarily used to critique or comment on the Draft EIS after its preparation, much earlier in the NEPA process - - primarily at the scoping and Draft EIS preparation stages. If a cooperating agency determines that its resource limitations preclude any involvement, or the degree of involvement (amount of work) requested by the lead agency, it must so inform the lead agency in writing and submit a copy of this correspondence to the Council. Section 1501.6(c).

In other words, the potential cooperating agency must decide early if it is able to devote any of its resources to a particular proposal. For this reason the regulation states that an agency may reply to a request for cooperation that "other program commitments preclude any involvement or the degree of involvement requested in the action that is the subject of the environmental impact statement." (Emphasis added). The regulation refers to the "action," rather than to the EIS, to clarify that the agency is taking itself out of all phases of the federal action, not just draft EIS preparation. This means that the agency has determined that it cannot be involved in the later stages of EIS review and comment, as well as decisionmaking on the proposed action. For this reason, cooperating agencies with jurisdiction by law (those which have permitting or other approval authority) cannot opt out entirely of the duty to cooperate on the EIS. See also Question 15, relating specifically to the responsibility of EPA.

14b. How are disputes resolved between lead and cooperating agencies concerning the scope and level of detail of analysis and the quality of data in impact statements?

- A. Such disputes are resolved by the agencies themselves. A lead agency, of course, has the ultimate responsibility for the content of an EIS. But it is supposed to use the environmental analysis and recommendations of cooperating agencies with jurisdiction by law or special expertise to the maximum extent possible, consistent with its own responsibilities as lead agency. Section 1501.6(a)(2).

If the lead agency leaves out a significant issue or ignores the advice and expertise of the cooperating agency, the EIS may be found later to be inadequate. Similarly, where cooperating agencies have their own decisions to make and they intend to adopt the environmental impact statement and base their decisions on it, one document should include all of the information necessary for the decisions by the cooperating agencies. Otherwise they may be forced to duplicate the EIS process by issuing a new, more complete EIS or Supplemental EIS, even though the original EIS could have sufficed if it had been properly done at the outset. Thus, both lead and cooperating agencies have a stake in producing a document of good quality. Cooperating agencies also have a duty to participate fully in the scoping process to ensure that the appropriate range of issues is determined early in the EIS process.

Because the EIS is not the Record of Decision, but instead constitutes the information and analysis on which to base a decision, disagreements about conclusions to be drawn from the EIS need not inhibit agencies from issuing a joint document, or adopting another agency's EIS, if the analysis is adequate. Thus, if each agency has its own "preferred alternative," both can be identified in the EIS. Similarly, a cooperating agency with jurisdiction by law may determine in its own ROD that alternative A is the environmentally preferable action, even though the lead agency has decided in its separate ROD that Alternative B is environmentally preferable.

14c. What are the specific responsibilities of federal and state cooperating agencies to review draft EISs?

- A. Cooperating agencies (i.e., agencies with jurisdiction by law or special expertise) and agencies that are authorized to develop or enforce environmental standards, must comment on environmental impact statements within their jurisdiction, expertise or authority. Sections 1503.2, 1508.5. If a cooperating agency is satisfied that its views are adequately reflected in the environmental impact statement, it should simply comment accordingly. Conversely, if the cooperating agency determines that a draft EIS is incomplete, inadequate or inaccurate, or it has other comments, it should promptly make such comments, conforming to the requirements of specificity in section 1503.3.

14d. How is the lead agency to treat the comments of another agency with jurisdiction by law or special expertise which has failed or refused to cooperate or participate in scoping or EIS preparation?

- A. A lead agency has the responsibility to respond to all substantive comments raising significant issues regarding a draft EIS. Section 1503.4. However, cooperating agencies are generally under an obligation to raise issues or otherwise participate in the EIS process during scoping and EIS preparation if they reasonably can do so. In practical terms, if a cooperating agency fails to cooperate at the outset, such as during scoping, it will find that its comments at a later stage will not be as persuasive to the lead agency.

15. **Commenting Responsibilities of EPA.** Are EPA's responsibilities to review and comment on the environmental effects of agency proposals under Section 309 of the Clean Air Act independent of its responsibility as a cooperating agency?

- A. Yes. EPA has an obligation under Section 309 of the Clean Air Act to review and comment in writing on the environmental impact of any matter relating to the authority of the Administrator contained in proposed legislation, federal construction projects, other federal actions requiring EISs, and new regulations. 42 U.S.C. Sec. 7609. This obligation is independent of its role as a cooperating agency under the NEPA regulations.

16. **Third Party Contracts.** What is meant by the term "third party contracts" in connection with the preparation of an EIS? See Section 1506.5(c). When can "third party contracts" be used?

- A. As used by EPA and other agencies, the term "third party contract" refers to the preparation of EISs by contractors paid by the applicant. In the case of an EIS for a National Pollution Discharge Elimination System (NPDES) permit, the applicant, aware in the early planning stages of the proposed project of the need for an EIS, contracts directly with a consulting firm for its preparation. See 40 C.F.R. 6.604(g). The "third party" is EPA which, under Section 1506.5(c), must select the consulting firm, even though the applicant pays for the cost of preparing the EIS. The consulting firm is responsible to EPA for preparing an EIS that meets the requirements of the NEPA regulations and EPA's NEPA procedures. It is in the applicant's interest that the EIS comply with the law so that EPA can take prompt action on the NPDES permit application. The "third party contract" method under EPA's NEPA procedures is purely voluntary, though most applicants have found it helpful in expediting compliance with NEPA.

If a federal agency uses "third party contracting," the applicant may undertake the necessary paperwork for the solicitation of a field of candidates under the agency's direction, so long as the agency complies with Section 1506.5(c). Federal

procurement requirements do not apply to the agency because it incurs no obligations or costs under the contract, nor does the agency procure anything under the contract.

17a. Disclosure Statement to Avoid Conflict of Interest. If an EIS is prepared with the assistance of a consulting firm, the firm must execute a disclosure statement. What criteria must the firm follow in determining whether it has any "financial or other interest in the outcome of the project" which would cause a conflict of interest?

- A. Section 1506.5(c), which specifies that a consulting firm preparing an EIS must execute a disclosure statement, does not define "financial or other interest in the outcome of the project." The Council interprets this term broadly to cover any known benefits other than general enhancement of professional reputation. This includes any financial benefit such as a promise of future construction or design work on the project, as well as indirect benefits the consultant is aware of (e.g., if the project would aid proposals sponsored by the firm's other clients). For example, completion of a highway project may encourage construction of a shopping center or industrial park from which the consultant stands to benefit. If a consulting firm is aware that it has such an interest in the decision on the proposal, it should be disqualified from preparing the EIS, to preserve the objectivity and integrity of the NEPA process.

When a consulting firm has been involved in developing initial data and plans for the project, but does not have any financial or other interest in the outcome of the decision, it need not be disqualified from preparing the EIS. However, a disclosure statement in the draft EIS should clearly state the scope and extent of the firm's prior involvement to expose any potential conflicts of interest that may exist.

17b. If the firm in fact has no promise of future work or other interest in the outcome of the proposal, may the firm later bid in competition with others for future work on the project if the proposed action is approved?

- A. Yes.

18. Uncertainties About Indirect Effects of A Proposal. How should uncertainties about indirect effects of a proposal be addressed, for example, in cases of disposal of federal lands, when the identity or plans of future landowners is unknown?

- A. The EIS must identify all the indirect effects that are known, and make a good faith effort to explain the effects that are not known but are "reasonably foreseeable." Section 1508.8(b). In the example, if there is total uncertainty about the identity of future land owners or the nature of future land uses, then of course, the agency is not required to engage in speculation or contemplation about their future plans. But, in the ordinary course of business, people do make judgments based upon reasonably foreseeable occurrences. It will often be possible to consider the likely purchasers and the development trends in that area or similar areas in recent years; or the likelihood

that the land will be used for an energy project, shopping center, subdivision, farm or factory. The agency has the responsibility to make an informed judgment, and to estimate future impacts on that basis, especially if trends are ascertainable or potential purchasers have made themselves known. The agency cannot ignore these uncertain, but probable, effects of its decisions.

19a. Mitigation Measures. What is the scope of mitigation measures that must be discussed?

A. The mitigation measures discussed in an EIS must cover the range of impacts of the proposal. The measures must include such things as design alternatives that would decrease pollution emissions, construction impacts, esthetic intrusion, as well as relocation assistance, possible land use controls that could be enacted, and other possible efforts. Mitigation measures must be considered even for impacts that by themselves would not be considered "significant." Once the proposal itself is considered as a whole to have significant effects, all of its specific effects on the environment (whether or not "significant") must be considered, and mitigation measures must be developed where it is feasible to do so. Sections 1502.14(f), 1502.16(h), 1508.14.

19b. How should an EIS treat the subject of available mitigation measures that are (1) outside the jurisdiction of the lead or cooperating agencies, or (2) unlikely to be adopted or enforced by the responsible agency?

A. All relevant, reasonable mitigation measures that could improve the project are to be identified, even if they are outside the jurisdiction of the lead agency or the cooperating agencies, and thus would not be committed as part of the RODs of these agencies. Sections 1502.16(h), 1505.2(c). This will serve to alert agencies or officials who can implement these extra measures, and will encourage them to do so. Because the EIS is the most comprehensive environmental document, it is an ideal vehicle in which to lay out not only the full range of environmental impacts but also the full spectrum of appropriate mitigation.

However, to ensure that environmental effects of a proposed action are fairly assessed, the probability of the mitigation measures being implemented must also be discussed. Thus the EIS and the Record of Decision should indicate the likelihood that such measures will be adopted or enforced by the responsible agencies. Sections 1502.16(h), 1505.2. If there is a history of nonenforcement or opposition to such measures, the EIS and Record of Decision should acknowledge such opposition or nonenforcement. If the necessary mitigation measures will not be ready for a long period of time, this fact, of course, should also be recognized.

20. Worst Case Analysis. [Withdrawn.]²

21. **Combining Environmental and Planning Documents.** Where an EIS or an EA is combined with another project planning document (sometimes called "piggybacking"), to what degree may the EIS or EA refer to and rely upon information in the project document to satisfy NEPA's requirements?

- A. Section 1502.25 of the regulations requires that draft EISs be prepared concurrently and integrated with environmental analyses and related surveys and studies required by other federal statutes. In addition, Section 1506.4 allows any environmental document prepared in compliance with NEPA to be combined with any other agency document to reduce duplication and paperwork. However, these provisions were not intended to authorize the preparation of a short summary or outline EIS, attached to a detailed project report or land use plan containing the required environmental impact data. In such circumstances, the reader would have to refer constantly to the detailed report to understand the environmental impacts and alternatives which should have been found in the EIS itself.

The EIS must stand on its own as an analytical document which fully informs decisionmakers and the public of the environmental effects of the proposal and those of the reasonable alternatives. Section 1502.1. But, as long as the EIS is clearly identified and is self-supporting, it can be physically included in or attached to the project report or land use plan, and may use attached report material as technical backup.

Forest Service environmental impact statements for forest management plans are handled in this manner. The EIS identifies the agency's preferred alternative, which is developed in detail as the proposed management plan. The detailed proposed plan accompanies the EIS through the review process, and the documents are appropriately cross-referenced. The proposed plan is useful for EIS readers as an example, to show how one choice of management options translates into effects on natural resources. This procedure permits initiation of the 90-day public review of proposed forest plans, which is required by the National Forest Management Act.

All the alternatives are discussed in the EIS, which can be read as an independent document. The details of the management plan are not repeated in the EIS, and vice versa. This is a reasonable functional separation of the documents: the EIS contains information relevant to the choice among alternatives; the plan is a detailed description of proposed management activities suitable for use by the land managers. This procedure provides for concurrent compliance with the public review requirements of both NEPA and the National Forest Management Act.

Under some circumstances, a project report or management plan may be totally merged with the EIS, and the one document labeled as both "EIS" and "management plan" or "project report." This may be reasonable where the documents are short, or

where the EIS format and the regulations for clear, analytical EISs also satisfy the requirements for a project report.

22. State and Federal Agencies as Joint Lead Agencies. May state and federal agencies serve as joint lead agencies? If so, how do they resolve law, policy and resource conflicts under NEPA and the relevant state environmental policy act? How do they resolve differences in perspective where, for example, national and local needs may differ?

- A. Under Section 1501.5(b), federal, state or local agencies, as long as they include at least one federal agency, may act as joint lead agencies to prepare an EIS. Section 1506.2 also strongly urges state and local agencies and the relevant federal agencies to cooperate fully with each other. This should cover joint research and studies, planning activities, public hearings, environmental assessments and the preparation of joint EISs under NEPA and the relevant "little NEPA" state laws, so that one document will satisfy both laws.

The regulations also recognize that certain inconsistencies may exist between the proposed federal action and any approved state or local plan or law. The joint document should discuss the extent to which the federal agency would reconcile its proposed action with such plan or law. Section 1506.2(d). (See Question 23).

Because there may be differences in perspective as well as conflicts among federal, state and local goals for resources management, the Council has advised participating agencies to adopt a flexible, cooperative approach. The joint EIS should reflect all of their interests and missions, clearly identified as such. The final document would then indicate how state and local interests have been accommodated, or would identify conflicts in goals (e.g., how a hydroelectric project, which might induce second home development, would require new land use controls). The EIS must contain a complete discussion of scope and purpose of the proposal, alternatives, and impacts so that the discussion is adequate to meet the needs of local, state and federal decisionmakers.

23a. Conflicts of Federal Proposal With Land Use Plans, Policies or Controls. How should an agency handle potential conflicts between a proposal and the objectives of Federal, state or local land use plans, policies and controls for the area concerned? See Sec. 1502.16(c).

- A. The agency should first inquire of other agencies whether there are any potential conflicts. If there would be immediate conflicts, or if conflicts could arise in the future when the plans are finished (see Question 23(b) below), the EIS must acknowledge and describe the extent of those conflicts. If there are any possibilities of resolving the conflicts, these should be explained as well. The EIS should also evaluate the seriousness of the impact of the proposal on the land use plans and policies, and whether, or how much, the proposal will impair the effectiveness of

land use control mechanisms for the area. Comments from officials of the affected area should be solicited early and should be carefully acknowledged and answered in the EIS.

23b. What constitutes a "land use plan or policy" for purposes of this discussion?

- A. The term "land use plans," includes all types of formally adopted documents for land use planning, zoning and related regulatory requirements. Local general plans are included, even though they are subject to future change. Proposed plans should also be addressed if they have been formally proposed by the appropriate government body in a written form, and are being actively pursued by officials of the jurisdiction. Staged plans, which must go through phases of development such as the Water Resources Council's Level A, B and C planning process should also be included even though they are incomplete.

The term "policies" includes formally adopted statements of land use policy as embodied in laws or regulations. It also includes proposals for action such as the initiation of a planning process, or a formally adopted policy statement of the local, regional or state executive branch, even if it has not yet been formally adopted by the local, regional or state legislative body.

23c. What options are available for the decisionmaker when conflicts with such plans or policies are identified?

- A. After identifying any potential land use conflicts, the decisionmaker must weigh the significance of the conflicts, among all the other environmental and non-environmental factors that must be considered in reaching a rational and balanced decision. Unless precluded by other law from causing or contributing to any inconsistency with the land use plans, policies or controls, the decisionmaker retains the authority to go forward with the proposal, despite the potential conflict. In the Record of Decision, the decisionmaker must explain what the decision was, how it was made, and what mitigation measures are being imposed to lessen adverse environmental impacts of the proposal, among the other requirements of Section 1505.2. This provision would require the decisionmaker to explain any decision to override land use plans, policies or controls for the area.

24a. Environmental Impact Statements on Policies, Plans or Programs. When are EISs required on policies, plans or programs?

- A. An EIS must be prepared if an agency proposes to implement a specific policy, to adopt a plan for a group of related actions, or to implement a specific statutory program or executive directive. Section 1508.18. In addition, the adoption of official policy in the form of rules, regulations and interpretations pursuant to the Administrative Procedure Act, treaties, conventions, or other formal documents

establishing governmental or agency policy which will substantially alter agency programs, could require an EIS. Section 1508.18. In all cases, the policy, plan, or program must have the potential for significantly affecting the quality of the human environment in order to require an EIS. It should be noted that a proposal "may exist in fact as well as by agency declaration that one exists." Section 1508.23.

24b. When is an area-wide or overview EIS appropriate?

- A. The preparation of an area-wide or overview EIS may be particularly useful when similar actions, viewed with other reasonably foreseeable or proposed agency actions, share common timing or geography. For example, when a variety of energy projects may be located in a single watershed, or when a series of new energy technologies may be developed through federal funding, the overview or area-wide EIS would serve as a valuable and necessary analysis of the affected environment and the potential cumulative impacts of the reasonably foreseeable actions under that program or within that geographical area.

24c. What is the function of tiering in such cases?

- A. Tiering is a procedure which allows an agency to avoid duplication of paperwork through the incorporation by reference of the general discussions and relevant specific discussions from an environmental impact statement of broader scope into one of lesser scope or vice versa. In the example given in Question 24b, this would mean that an overview EIS would be prepared for all of the energy activities reasonably foreseeable in a particular geographic area or resulting from a particular development program. This impact statement would be followed by site-specific or project-specific EISs. The tiering process would make each EIS of greater use and meaning to the public as the plan or program develops, without duplication of the analysis prepared for the previous impact statement.

25a. Appendices and Incorporation by Reference. When is it appropriate to use appendices instead of including information in the body of an EIS?

- A. The body of the EIS should be a succinct statement of all the information on environmental impacts and alternatives that the decisionmaker and the public need, in order to make the decision and to ascertain that every significant factor has been examined. The EIS must explain or summarize methodologies of research and modeling, and the results of research that may have been conducted to analyze impacts and alternatives.

Lengthy technical discussions of modeling methodology, baseline studies, or other work are best reserved for the appendix. In other words, if only technically trained individuals are likely to understand a particular discussion then it should go in the

appendix, and a plain language summary of the analysis and conclusions of that technical discussion should go in the text of the EIS.

The final statement must also contain the agency's responses to comments on the draft EIS. These responses will be primarily in the form of changes in the document itself, but specific answers to each significant comment should also be included. These specific responses may be placed in an appendix. If the comments are especially voluminous, summaries of the comments and responses will suffice. (See Question 29 regarding the level of detail required for responses to comments.)

25b. How does an appendix differ from incorporation by reference?

- A. First, if at all possible, the appendix accompanies the EIS, whereas the material which is incorporated by reference does not accompany the EIS. Thus the appendix should contain information that reviewers will be likely to want to examine. The appendix should include material that pertains to preparation of a particular EIS. Research papers directly relevant to the proposal, lists of affected species, discussion of the methodology of models used in the analysis of impacts, extremely detailed responses to comments, or other information, would be placed in the appendix.

The appendix must be complete and available at the time the EIS is filed. Five copies of the appendix must be sent to EPA with five copies of the EIS for filing. If the appendix is too bulky to be circulated, it instead must be placed in conveniently accessible locations or furnished directly to commentors upon request. If it is not circulated with the EIS, the Notice of Availability published by EPA must so state, giving a telephone number to enable potential commentors to locate or request copies of the appendix promptly.

Material that is not directly related to preparation of the EIS should be incorporated by reference. This would include other EISs, research papers in the general literature, technical background papers or other material that someone with technical training could use to evaluate the analysis of the proposal. These must be made available, either by citing the literature, furnishing copies to central locations, or sending copies directly to commentors upon request.

Care must be taken in all cases to ensure that material incorporated by reference, and the occasional appendix that does not accompany the EIS, are in fact available for the full minimum public comment period.

26a. Index and Keyword Index in EISs. How detailed must an EIS index be?

- A. The EIS index should have a level of detail sufficient to focus on areas of the EIS of reasonable interest to any reader. It cannot be restricted to the most important topics. On the other hand, it need not identify every conceivable term or phrase in the EIS.

If an agency believes that the reader is reasonably likely to be interested in a topic, it should be included.

26b. Is a keyword index required?

- A. No. A keyword index is a relatively short list of descriptive terms that identifies the key concepts or subject areas in a document. For example it could consist of 20 terms which describe the most significant aspects of an EIS that a future researcher would need: type of proposal, type of impacts, type of environment, geographical area, sampling or modelling methodologies used. This technique permits the compilation of EIS data banks, by facilitating quick and inexpensive access to stored materials. While a keyword index is not required by the regulations, it could be a useful addition for several reasons. First, it can be useful as a quick index for reviewers of the EIS, helping to focus on areas of interest. Second, if an agency keeps a listing of the keyword indexes of the EISs it produces, the EIS preparers themselves will have quick access to similar research data and methodologies to aid their future EIS work. Third, a keyword index will be needed to make an EIS available to future researchers using EIS data banks that are being developed. Preparation of such an index now when the document is produced will save a later effort when the data banks become operational.

27a. **List of Preparers.** If a consultant is used in preparing an EIS, must the list of preparers identify members of the consulting firm as well as the agency NEPA staff who were primarily responsible?

- A. Section 1502.17 requires identification of the names and qualifications of persons who were primarily responsible for preparing the EIS or significant background papers, including basic components of the statement. This means that members of a consulting firm preparing material that is to become part of the EIS must be identified. The EIS should identify these individuals even though the consultant's contribution may have been modified by the agency.

27b. Should agency staff involved in reviewing and editing the EIS also be included in the list of preparers?

- A. Agency personnel who wrote basic components of the EIS or significant background papers must, of course, be identified. The EIS should also list the technical editors who reviewed or edited the statements.

27c. How much information should be included on each person listed?

- A. The list of preparers should normally not exceed two pages. Therefore, agencies must determine which individuals had primary responsibility and need not identify individuals with minor involvement. The list of preparers should include a very brief

identification of the individuals involved, their qualifications (expertise, professional disciplines) and the specific portion of the EIS for which they are responsible. This may be done in tabular form to cut down on length. A line or two for each person's qualifications should be sufficient.

28. Advance or Xerox Copies of EIS. May an agency file xerox copies of an EIS with EPA pending the completion of printing the document?

- A. Xerox copies of an EIS may be filed with EPA prior to printing only if the xerox copies are simultaneously made available to other agencies and the public. Section 1506.9 of the regulations, which governs EIS filing, specifically requires Federal agencies to file EISs with EPA no earlier than the EIS is distributed to the public. However, this section does not prohibit xeroxing as a form of reproduction and distribution. When an agency chooses xeroxing as the reproduction method, the EIS must be clear and legible to permit ease of reading and ultimate microfiching of the EIS. Where color graphs are important to the EIS, they should be reproduced and circulated with the xeroxed copy.

29a. Responses to Comments. What response must an agency provide to a comment on a draft EIS which states that the EIS's methodology is inadequate or inadequately explained? For example, what level of detail must an agency include in its response to a simple postcard comment making such an allegation?

- A. Appropriate responses to comments are described in Section 1503.4. Normally the responses should result in changes in the text of the EIS, not simply a separate answer at the back of the document. But, in addition, the agency must state what its response was, and if the agency decides that no substantive response to a comment is necessary, it must explain briefly why.

An agency is not under an obligation to issue a lengthy reiteration of its methodology for any portion of an EIS if the only comment addressing the methodology is a simple complaint that the EIS methodology is inadequate. But agencies must respond to comments, however brief, which are specific in their criticism of agency methodology. For example, if a commentator on an EIS said that an agency's air quality dispersion analysis or methodology was inadequate, and the agency had included a discussion of that analysis in the EIS, little if anything need be added in response to such a comment. However, if the commentator said that the dispersion analysis was inadequate because of its use of a certain computational technique, or that a dispersion analysis was inadequately explained because computational techniques were not included or referenced, then the agency would have to respond in a substantive and meaningful way to such a comment.

If a number of comments are identical or very similar, agencies may group the comments and prepare a single answer for each group. Comments may be

summarized if they are especially voluminous. The comments or summaries must be attached to the EIS regardless of whether the agency believes they merit individual discussion in the body of the final EIS.

29b. How must an agency respond to a comment on a draft EIS that raises a new alternative not previously considered in the draft EIS?

A. This question might arise in several possible situations. First, a commentor on a draft EIS may indicate that there is a possible alternative which, in the agency's view, is not a reasonable alternative. Section 1502.14(a). If that is the case, the agency must explain why the comment does not warrant further agency response, citing authorities or reasons that support the agency's position and, if appropriate, indicate those circumstances which would trigger agency reappraisal or further response. Section 1503.4(a). For example, a commentor on a draft EIS on a coal fired power plant may suggest the alternative of using synthetic fuel. The agency may reject the alternative with a brief discussion (with authorities) of the unavailability of synthetic fuel within the time frame necessary to meet the need and purpose of the proposed facility.

A second possibility is that an agency may receive a comment indicating that a particular alternative, while reasonable, should be modified somewhat, for example, to achieve certain mitigation benefits, or for other reasons. If the modification is reasonable, the agency should include a discussion of it in the final EIS. For example, a commentor on a draft EIS on a proposal for a pumped storage power facility might suggest that the applicant's proposed alternative should be enhanced by the addition of certain reasonable mitigation measures, including the purchase and setaside of a wildlife preserve to substitute for the tract to be destroyed by the project. The modified alternative including the additional mitigation measures should be discussed by the agency in the final EIS.

A third slightly different possibility is that a comment on a draft EIS will raise an alternative which is a minor variation of one of the alternatives discussed in the draft EIS, but this variation was not given any consideration by the agency. In such a case, the agency should develop and evaluate the new alternative, if it is reasonable, in the final EIS. If it is qualitatively within the spectrum of alternatives that were discussed in the draft, a supplemental draft will not be needed. For example, a commentor on a draft EIS to designate a wilderness area within a National Forest might reasonably identify a specific tract of the forest, and urge that it be considered for designation. If the draft EIS considered designation of a range of alternative tracts which encompassed forest area of similar quality and quantity, no supplemental EIS would have to be prepared. The agency could fulfill its obligation by addressing that specific alternative in the final EIS.

As another example, an EIS on an urban housing project may analyze the alternatives of constructing 2,000, 4,000, or 6,000 units. A commentor on the draft

EIS might urge the consideration of constructing 5,000 units utilizing a different configuration of buildings. This alternative is within the spectrum of alternatives already considered, and, therefore, could be addressed in the final EIS.

A fourth possibility is that a commentator points out an alternative which is not a variation of the proposal or of any alternative discussed in the draft impact statement, and is a reasonable alternative that warrants serious agency response. In such a case, the agency must issue a supplement to the draft EIS that discusses this new alternative. For example, a commentator on a draft EIS on a nuclear power plant might suggest that a reasonable alternative for meeting the projected need for power would be through peak load management and energy conservation programs. If the permitting agency has failed to consider that approach in the Draft EIS, and the approach cannot be dismissed by the agency as unreasonable, a supplement to the Draft EIS, which discusses that alternative, must be prepared. (If necessary, the same supplement should also discuss substantial changes in the proposed action or significant new circumstances or information, as required by Section 1502.9(c)(1) of the Council's regulations.)

If the new alternative was not raised by the commentator during scoping, but could have been, commentators may find that they are unpersuasive in their efforts to have their suggested alternative analyzed in detail by the agency. However, if the new alternative is discovered or developed later, and it could not reasonably have been raised during the scoping process, then the agency must address it in a supplemental draft EIS. The agency is, in any case, ultimately responsible for preparing an adequate EIS that considers all alternatives.

30. Adoption of EISs. When a cooperating agency with jurisdiction by law intends to adopt a lead agency's EIS and it is not satisfied with the adequacy of the document, may the cooperating agency adopt only the part of the EIS with which it is satisfied? If so, would a cooperating agency with jurisdiction by law have to prepare a separate EIS or EIS supplement covering the areas of disagreement with the lead agency?

A. Generally, a cooperating agency may adopt a lead agency's EIS without recirculating it if it concludes that its NEPA requirements and its comments and suggestions have been satisfied. Section 1506.3(a), (c). If necessary, a cooperating agency may adopt only a portion of the lead agency's EIS and may reject that part of the EIS with which it disagrees, stating publicly why it did so. Section 1506.3(a).

A cooperating agency with jurisdiction by law (e.g., an agency with independent legal responsibilities with respect to the proposal) has an independent legal obligation to comply with NEPA. Therefore, if the cooperating agency determines that the EIS is wrong or inadequate, it must prepare a supplement to the EIS, replacing or adding any needed information, and must circulate the supplement as a draft for public and agency review and comment. A final supplemental EIS would be required before the

agency could take action. The adopted portions of the lead agency EIS should be circulated with the supplement. Section 1506.3(b). A cooperating agency with jurisdiction by law will have to prepare its own Record of Decision for its action, in which it must explain how it reached its conclusions. Each agency should explain how and why its conclusions differ, if that is the case, from those of other agencies which issued their Records of Decision earlier.

An agency that did not cooperate in preparation of an EIS may also adopt an EIS or portion thereof. But this would arise only in rare instances, because an agency adopting an EIS for use in its own decision normally would have been a cooperating agency. If the proposed action for which the EIS was prepared is substantially the same as the proposed action of the adopting agency, the EIS may be adopted as long as it is recirculated as a final EIS and the agency announces what it is doing. This would be followed by the 30-day review period and issuance of a Record of Decision by the adopting agency. If the proposed action by the adopting agency is not substantially the same as that in the EIS (i.e., if an EIS on one action is being adapted for use in a decision on another action), the EIS would be treated as a draft and circulated for the normal public comment period and other procedures. Section 1506.3(b).

31a. Application of Regulations to Independent Regulatory Agencies. Do the Council's NEPA regulations apply to independent regulatory agencies like the Federal Energy Regulatory Commission (FERC) and the Nuclear Regulatory Commission?

- A. The statutory requirements of NEPA's Section 102 apply to "all agencies of the federal government." The NEPA regulations implement the procedural provisions of NEPA as set forth in NEPA's Section 102(2) for all agencies of the federal government. The NEPA regulations apply to independent regulatory agencies, however, they do not direct independent regulatory agencies or other agencies to make decisions in any particular way or in a way inconsistent with an agency's statutory charter. Sections 1500.3, 1500.6, 1507.1, and 1507.3.

31b. Can an Executive Branch agency like the Department of the Interior adopt an EIS prepared by an independent regulatory agency such as FERC?

- A. If an independent regulatory agency such as FERC has prepared an EIS in connection with its approval of a proposed project, an Executive Branch agency (e.g., the Bureau of Land Management in the Department of the Interior) may, in accordance with Section 1506.3, adopt the EIS or a portion thereof for its use in considering the same proposal. In such a case the EIS must, to the satisfaction of the adopting agency, meet the standards for an adequate statement under the NEPA regulations (including scope and quality of analysis of alternatives) and must satisfy the adopting agency's comments and suggestions. If the independent regulatory agency fails to comply with the NEPA regulations, the cooperating or adopting agency may find that

it is unable to adopt the EIS, thus forcing the preparation of a new EIS or EIS Supplement for the same action. The NEPA regulations were made applicable to all federal agencies in order to avoid this result, and to achieve uniform application and efficiency of the NEPA process.

32. Supplements to Old EISs. Under what circumstances do old EISs have to be supplemented before taking action on a proposal?

- A. As a rule of thumb, if the proposal has not yet been implemented, or if the EIS concerns an ongoing program, EISs that are more than 5 years old should be carefully reexamined to determine if the criteria in Section 1502.9 compel preparation of an EIS supplement.

If an agency has made a substantial change in a proposed action that is relevant to environmental concerns, or if there are significant new circumstances or information relevant to environmental concerns and bearing on the proposed action or its impacts, a supplemental EIS must be prepared for an old EIS so that the agency has the best possible information to make any necessary substantive changes in its decisions regarding the proposal. Section 1502.9(c).

33a. Referrals. When must a referral of an interagency disagreement be made to the Council?

- A. The Council's referral procedure is a pre-decision referral process for interagency disagreements. Hence, Section 1504.3 requires that a referring agency must deliver its referral to the Council not later than 25 days after publication by EPA of notice that the final EIS is available (unless the lead agency grants an extension of time under Section 1504.3(b)).

33b. May a referral be made after this issuance of a Record of Decision?

- A. No, except for cases where agencies provide an internal appeal procedure which permits simultaneous filing of the final EIS and the record of decision (ROD). Section 1506.10(b)(2). Otherwise, as stated above, the process is a pre-decision referral process. Referrals must be made within 25 days after the notice of availability of the final EIS, whereas the final decision (ROD) may not be made or filed until after 30 days from the notice of availability of the EIS. Sections 1504.3(b), 1506.10(b). If a lead agency has granted an extension of time for another agency to take action on a referral, the ROD may not be issued until the extension has expired.

34a. Records of Decision. Must Records of Decision (RODs) be made public? How should they be made available?

A. Under the regulations, agencies must prepare a "concise public record of decision," which contains the elements specified in Section 1505.2. This public record may be integrated into any other decision record prepared by the agency, or it may be separate if decision documents are not normally made public. The Record of Decision is intended by the Council to be an environmental document (even though it is not explicitly mentioned in the definition of "environmental document" in Section 1508.10). Therefore, it must be made available to the public through appropriate public notice as required by Section 1506.6(b). However, there is no specific requirement for publication of the ROD itself, either in the Federal Register or elsewhere.

34b. May the summary section in the final Environmental Impact Statement substitute for or constitute an agency's Record of Decision?

A. No. An environmental impact statement is supposed to inform the decisionmaker before the decision is made. Sections 1502.1, 1505.2. The Council's regulations provide for a 30-day period after notice is published that the final EIS has been filed with EPA before the agency may take final action. During that period, in addition to the agency's own internal final review, the public and other agencies can comment on the final EIS prior to the agency's final action on the proposal. In addition, the Council's regulations make clear that the requirements for the summary in an EIS are not the same as the requirements for a ROD. Sections 1502.12 and 1505.2.

34c. What provisions should Records of Decision contain pertaining to mitigation and monitoring?

A. Lead agencies "shall include appropriate conditions [including mitigation measures and monitoring and enforcement programs] in grants, permits or other approvals" and shall "condition funding of actions on mitigation." Section 1505.3. Any such measures that are adopted must be explained and committed in the ROD.

The reasonable alternative mitigation measures and monitoring programs should have been addressed in the draft and final EIS. The discussion of mitigation and monitoring in a Record of Decision must be more detailed than a general statement that mitigation is being required, but not so detailed as to duplicate discussion of mitigation in the EIS. The Record of Decision should contain a concise summary identification of the mitigation measures which the agency has committed itself to adopt.

The Record of Decision must also state whether all practicable mitigation measures have been adopted, and if not, why not. Section 1505.2(c). The Record of Decision

must identify the mitigation measures and monitoring and enforcement programs that have been selected and plainly indicate that they are adopted as part of the agency's decision. If the proposed action is the issuance of a permit or other approval, the specific details of the mitigation measures shall then be included as appropriate conditions in whatever grants, permits, funding or other approvals are being made by the federal agency. Section 1505.3 (a), (b). If the proposal is to be carried out by the federal agency itself, the Record of Decision should delineate the mitigation and monitoring measures in sufficient detail to constitute an enforceable commitment, or incorporate by reference the portions of the EIS that do so.

34d. What is the enforceability of a Record of Decision?

- A. Pursuant to generally recognized principles of federal administrative law, agencies will be held accountable for preparing Records of Decision that conform to the decisions actually made and for carrying out the actions set forth in the Records of Decision. This is based on the principle that an agency must comply with its own decisions and regulations once they are adopted. Thus, the terms of a Record of Decision are enforceable by agencies and private parties. A Record of Decision can be used to compel compliance with or execution of the mitigation measures identified therein.

35. Time Required for the NEPA Process. How long should the NEPA process take to complete?

- A. When an EIS is required, the process obviously will take longer than when an EA is the only document prepared. But the Council's NEPA regulations encourage streamlined review, adoption of deadlines, elimination of duplicative work, eliciting suggested alternatives and other comments early through scoping, cooperation among agencies, and consultation with applicants during project planning. The Council has advised agencies that under the new NEPA regulations even large complex energy projects would require only about 12 months for the completion of the entire EIS process. For most major actions, this period is well within the planning time that is needed in any event, apart from NEPA.

The time required for the preparation of program EISs may be greater. The Council also recognizes that some projects will entail difficult long-term planning and/or the acquisition of certain data which of necessity will require more time for the preparation of the EIS. Indeed, some proposals should be given more time for the thoughtful preparation of an EIS and development of a decision which fulfills NEPA's substantive goals.

For cases in which only an environmental assessment will be prepared, the NEPA process should take no more than 3 months, and in many cases substantially less, as part of the normal analysis and approval process for the action.

36a. Environmental Assessments (EA). How long and detailed must an environmental assessment (EA) be?

- A. The environmental assessment is a concise public document which has three defined functions. (1) It briefly provides sufficient evidence and analysis for determining whether to prepare an EIS; (2) it aids an agency's compliance with NEPA when no EIS is necessary, i.e., it helps to identify better alternatives and mitigation measures; and (3) it facilitates preparation of an EIS when one is necessary. Section 1508.9(a).

Since the EA is a concise document, it should not contain long descriptions or detailed data which the agency may have gathered. Rather, it should contain a brief discussion of the need for the proposal, alternatives to the proposal, the environmental impacts of the proposed action and alternatives, and a list of agencies and persons consulted. Section 1508.9(b).

While the regulations do not contain page limits for EA's, the Council has generally advised agencies to keep the length of EAs to not more than approximately 10-15 pages. Some agencies expressly provide page guidelines (e.g., 10-15 pages in the case of the Army Corps). To avoid undue length, the EA may incorporate by reference background data to support its concise discussion of the proposal and relevant issues.

36b. Under what circumstances is a lengthy EA appropriate?

- A. Agencies should avoid preparing lengthy EAs except in unusual cases, where a proposal is so complex that a concise document cannot meet the goals of Section 1508.9 and where it is extremely difficult to determine whether the proposal could have significant environmental effects. In most cases, however, a lengthy EA indicates that an EIS is needed.

37a. Findings of No Significant Impact (FONSI). What is the level of detail of information that must be included in a finding of no significant impact (FONSI)?

- A. The FONSI is a document in which the agency briefly explains the reasons why an action will not have a significant effect on the human environment and, therefore, why an EIS will not be prepared. Section 1508.13. The finding itself need not be detailed, but must succinctly state the reasons for deciding that the action will have no significant environmental effects, and, if relevant, must show which factors were weighted most heavily in the determination. In addition to this statement, the FONSI must include, summarize, or attach and incorporate by reference, the environmental assessment.

37b. What are the criteria for deciding whether a FONSI should be made available for public review for 30 days before the agency's final determination whether to prepare an EIS?

- A. Public review is necessary, for example, (a) if the proposal is a borderline case, i.e., when there is a reasonable argument for preparation of an EIS; (b) if it is an unusual case, a new kind of action, or a precedent setting case such as a first intrusion of even a minor development into a pristine area; (c) when there is either scientific or public controversy over the proposal; or (d) when it involves a proposal which is or is closely similar to one which normally requires preparation of an EIS. Sections 1501.4(e)(2), 1508.27. Agencies also must allow a period of public review of the FONSI if the proposed action would be located in a floodplain or wetland. E.O. 11988, Sec. 2(a)(4); E.O. 11990, Sec. 2(b).

38. **Public Availability of EAs v. FONSI.** Must (EAs) and FONSI be made public? If so, how should this be done?

- A. Yes, they must be available to the public. Section 1506.6 requires agencies to involve the public in implementing their NEPA procedures, and this includes public involvement in the preparation of EAs and FONSI. These are public "environmental documents" under Section 1506.6(b), and, therefore, agencies must give public notice of their availability. A combination of methods may be used to give notice, and the methods should be tailored to the needs of particular cases. Thus, a Federal Register notice of availability of the documents, coupled with notices in national publications and mailed to interested national groups might be appropriate for proposals that are national in scope. Local newspaper notices may be more appropriate for regional or site-specific proposals.

The objective, however, is to notify all interested or affected parties. If this is not being achieved, then the methods should be reevaluated and changed. Repeated failure to reach the interested or affected public would be interpreted as a violation of the regulations.

39. **Mitigation Measures Imposed in EAs and FONSI.** Can an EA and FONSI be used to impose enforceable mitigation measures, monitoring programs, or other requirements, even though there is no requirement in the regulations in such cases for a formal Record of Decision?

- A. Yes. In cases where an environmental assessment is the appropriate environmental document, there still may be mitigation measures or alternatives that would be desirable to consider and adopt even though the impacts of the proposal will not be "significant." In such cases, the EA should include a discussion of these measures or alternatives to "assist agency planning and decisionmaking" and to "aid an agency's compliance with [NEPA] when no environmental impact statement is necessary."

Section 1501.3(b), 1508.9(a)(2). The appropriate mitigation measures can be imposed as enforceable permit conditions, or adopted as part of the agency final decision in the same manner mitigation measures are adopted in the formal Record of Decision that is required in EIS cases.

40. Propriety of Issuing EA When Mitigation Reduces Impacts. If an environmental assessment indicates that the environmental effects of a proposal are significant but that, with mitigation, those effects may be reduced to less than significant levels, may the agency make a finding of no significant impact rather than prepare an EIS? Is that a legitimate function of an EA and scoping?

[N.B.: The 1987-88 CEQ Annual Report stated that CEQ intended to issue additional guidance on this topic. Ed. note.]

A. Mitigation measures may be relied upon to make a finding of no significant impact only if they are imposed by statute or regulation, or submitted by an applicant or agency as part of the original proposal. As a general rule, the regulations contemplate that agencies should use a broad approach in defining significance and should not rely on the possibility of mitigation as an excuse to avoid the EIS requirement. Sections 1508.8, 1508.27.

If a proposal appears to have adverse effects which would be significant, and certain mitigation measures are then developed during the scoping or EA stages, the existence of such possible mitigation does not obviate the need for an EIS. Therefore, if scoping or the EA identifies certain mitigation possibilities without altering the nature of the overall proposal itself, the agency should continue the EIS process and submit the proposal, and the potential mitigation, for public and agency review and comment. This is essential to ensure that the final decision is based on all the relevant factors and that the full NEPA process will result in enforceable mitigation measures through the Record of Decision.

In some instances, where the proposal itself so integrates mitigation from the beginning that it is impossible to define the proposal without including the mitigation, the agency may then rely on the mitigation measures in determining that the overall effects would not be significant (e.g., where an application for a permit for a small hydro dam is based on a binding commitment to build fish ladders, to permit adequate down stream flow, and to replace any lost wetlands, wildlife habitat and recreational potential). In those instances, agencies should make the FONSI and EA available for 30 days of public comment before taking action. Section 1501.4(e)(2).

Similarly, scoping may result in a redefinition of the entire project, as a result of mitigation proposals. In that case, the agency may alter its previous decision to do an EIS, as long as the agency or applicant resubmits the entire proposal and the EA and FONSI are available for 30 days of review and comment. One example of this

would be where the size and location of a proposed industrial park are changed to avoid affecting a nearby wetland area.

[This memorandum was filed in the Federal Register and appears at 46 Fed. Reg. 18026 (Mar. 23, 1981).]

ENDNOTES

The first endnote appeared in the original Federal Register. The other endnote, which refers to subsequent CEQ actions, is for information only.

1. References throughout the document are to the Council on Environmental Quality's Regulations For Implementing The Procedural Provisions of the National Environmental Policy Act. 40 CFR Parts 1500-1508.
2. Q20 Worst Case Analysis was withdrawn by final rule issued at 51 Fed. Reg. 15618 (Apr. 25, 1986); textual errors corrected 51 F.R. p. 16,846 (May 7, 1986). The preamble to this rule is published at ELR Admin. Mat. 35055.

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