

JUL 9 1982

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Docket No. 50-508

MEMORANDUM FOR: Robert L. Tedesco, Assistant Director
for Licensing, DL

FROM: Daniel R. Muller, Assistant Director
for Environmental Technology, DE

SUBJECT: ACCEPTANCE REVIEW OF THE WNP-3 OL STAGE ENVIRONMENTAL
REPORT (ER)

We have reviewed the OL Stage ER as per your request of June 2, 1982. The ER cites and/or summarizes studies and existing documents that the applicant has produced since the ER-CP and the FES-CP, and thus relies heavily on them. The ER, therefore, should be supplemented by the submittal of several additional existing documents that are noted on the attached Requests for Additional Information. With those additional submittals, the ER is acceptable for docketing.

We will prepare a draft letter (with proper attachments) for endangered species and fish and wildlife coordination with the U.S. Fish and Wildlife Service. It will be prepared for your signature. We will appreciate being advised of the review schedule for DES issuance.

This review was performed by G. Gears, M. Masnik and R. Samworth.

Original signed by
Daniel R. Muller

Daniel R. Muller, Assistant Director
for Environmental Technology
Division of Engineering

Attachment:
Requests for Additional
Information

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OFFICE	DE:ET:EEB	DE:ET:EEB	DE:ET:EEB	DE:ET:EEB	DE:ADET		
SURNAME	GEGears:ws	MTMasnik	RSamworth	RLBallard	DRMuller		
DATE	7/8/82	7/8/82	7/8/82	7/9/82	7/9/82		

Request for Additional Information

WNP-3 OL Review

290 Terrestrial Resources

- 290.1 Sections 5.1.4.1 and 5.1.4.2 - Provide a discussion of the biological significance of the predicted fogging and icing as well as the drift deposition predicted to occur from operation of the WNP cooling towers.
- 290.2 Section 5.5 - Provide a copy of the following reference related to the BPA transmission network. "The Role of the Bonneville Power Administration in the Pacific Northwest Power Supply System, Appendix B, BPA Power Transmission". Bonneville Power Administration, Department of the Interior, July 22, 1977.

291 Aquatic Resources

- 291.1 In addition to other requested information provide a summary and brief discussion in table form, by section, of differences between currently projected environmental effects (including those that would degrade, and those that would enhance environmental conditions) and the effects discussed in the environmental report submitted at the construction permit stage.
- 291.2 Section 6.1.1.2 - Provide a summary of the results of the angler use studies for the 16 km section of the Chehalis River between South Elma bridge and the mouth of Smith Canal. Emphasis should be placed on activity observed nearest the site.
- 291.3 Section 6.1 - Provide copies of the following references listed in Section 6.1 of the OL-ER: 9; 10; 11; 12; 20; 23.
- 291.4 Section 2.2.2.6 - Provide a discussion of the utilization of the Chehalis River by white sturgeon. Identify any critical habitat for this species that might occur in the vicinity of the site. Summarize this species abundance and distribution in the Chehalis River with particular emphasis in the lower river stretches.
- 291.5 Amend Figure 3.4-6 by providing the elevation of the intakes of each of the circulating water intake pumps located in the Ranny Well intake cassions.
- 291.6 Figure 3.4-6 shows a service water pump. Figure 3.4-1 shows flow to the RBCCWHx and the service water pump drawing from the circulating water pumps located downstream of the cooling tower. Describe the use of the service water obtained from the service water pumps in the Ranny Collectors.

- 291.7 Section 2.2.2.5 - Indicate if Corbicula sp. has been collected from the Chehalis River in the vicinity of the site. If present, provide an estimate of the number of these organisms per square meter for each year data is available. Describe procedures and measures taken or planned that will deny access to critical plant components, or control fouling by these organisms during both construction and operation of the station. Particular emphasis should be placed on evaluating the potential for clams in the system that entered during the construction phase.
- 291.8 Section 3.4.3 - Provide additional detail for the supplemental cooling system. Indicate its location on a site map. Provide a schematic drawing of the unit. Give an estimate of its usage on an annual basis. Provide the criteria that determine its usage.
- 291.9 Section 3.4.4 - Provide the location on a map of the blowdown diffuser in relation to the Chehalis River, Ranny Collectors and the plant. Also provide an overhead review of the section of river in which the diffuser is located. On this figure differentiate between the blowdown diffuser section and the supply pipeline.
- 291.10 Section 3.4-4 describes a 32-foot multiport diffuser. Figure 3.4-4 shows a 34-foot long length of pipe that is presumably the diffuser since section A-A shows a discharge riser. Resolve this difference and indicate on Figure 3.4-4 that portion of the pipeline that is the blowdown diffuser.
- 291.11 Section 5.1.1 - Provide the anticipated frequency of less than .3 feet/sec flow in the Chehalis River. Estimate how often and approximate duration this will occur on an annual basis.
- 291.12 Section 5.1.3.1 - Reference is made to the total run of the coho and chum salmon. Provide the estimates of total run for these two species that were used in this analysis. Indicate how these estimates were obtained.
- 291.13 Section 2.2.2.6 - If available, provide on an annual basis some indication of the magnitude of runs past the site for all species and runs of salmon, the steelhead trout, and the white sturgeon.
- 291.14 Section 2.7 discusses only the nearest residence. Locate other nearby noise sensitive areas, e.g. schools, hospitals.
- 291.15 Section 3.7.2 - Is any air quality permit or approval needed for any aspect of the project?
- 291.16 Section 12.0 - Have any environmental impact appraisals been performed by or for any other agency?
- 291.17 Provide references 1, 3, and 5, Section 2.4.
- 291.18 At the time of site visit make reference 6, Section 2.4, available for examination.