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Docket No: 50-397

MEMORANDUM FOR: Thomas M. Novak, Assistant Director for Licensing, Division of Licensing

FROM: L. S. Rubenstein, Assistant Director for Core and PlantSSystems, Division of Systems Integration

SUBJECT: REVISION 5 TO THE SAFETY EVALUATION REPORT FOR WASHINGTON NUCLEAR PROJECT NO. 2, AUXILIARY SYSTEMS BRANCH

Plant Name: Washington Nuclear Project No. 2
Docket Number: 50-397
Licensing Stage: OL
Milestone Number: 24-02
Responsible Branch: Licensing Branch No. 2
Project Manager: R. Auluck
ASB Reviewer: J. Ridgely
Requested Completion Date: N/A
Review Status: Complete

Enclosed is the Auxiliary Systems Branch Supplemental Safety Evaluation Report (SSER) input regarding the control of heavy loads at WNP-2. This SSER incorporates the Technical Evaluation Report (TER) provided by the Idaho National Engineering Laboratory (INEL) and supplements our evaluation in SER Section 9.1.5. The INEL TER is based upon thellicensee's submittals of January 13, February 12, October 4, 1982, February 23, March 28, and April 13, 1983. The control of heavy loads was evaluated against the guidelines of Section 5.1.1 of NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants." We concur with the findings presented in the TER and conclude that the WNP-2 satisfies the guidelines of NUREG-0612, and that Phase I for the facility is acceptable. This SSER closes out Phase I of NUREG-0612 and includes the following wording for the license condition for Phase II:

> Prior to startup following the second refueling outage, the applicant shall have made commitments acceptable to the NRC regarding the guidelines of Sections 5.1.2 through 5.1.6 of NUREG-0612 (Phase II - nine-month responses to the NRC generic letter dated December 22, 1980).

Contact:
J. Ridgely
X29566

OFFICE							
SURNAME							
DATE							

A draft evaluation with respect to the guidelines of Phase II of NUREG-0612 has been provided by memorandum to you on May 16, 1983.

Original signed by O. Parr
for L. S. Rubenstein

L. S. Rubenstein, Assistant Director
for Core and Plant Systems
Division of Systems Integration

Enclosure:
As stated

cc w/o enclosure:
R. Mattson
G. Knighton
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V. Panciera
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cc w/enclosure:
R. Auluck
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RL ODA ODA for

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DATE	5/23/83	5/24/83	5/24/83	5/24/83			

REVISION NO. 5 TO SAFETY EVALUATION REPORT

WASHINGTON NUCLEAR PROJECT NO. 2

AUXILIARY SYSTEMS BRANCH

9.1.5 Overhead Heavy Load Handling Systems

As a result of Generic Task A-36, "Control of Heavy Loads Near Spent Fuel," a set of guidelines was developed to assure safe handling of heavy loads over structures, systems and components important to safety. These recommendations were documented in NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants." Following the issuance of NUREG-0612, a generic letter dated December 22, 1980 was sent to all operating plants, applicants for operating licenses and holders of construction permits requesting that responses be prepared to indicate the degree of compliance with guidelines of NUREG-0612. The responses were to be made in two stages. The first response (Phase I, Section 5.1.1 of NUREG-0612) was to identify the load handling equipment within the scope of NUREG-0612 and to describe the associated general load handling operations such as safe load paths, procedures, operator training, special and general purpose of lifting devices, the maintenance, testing and repair of equipment and the handling equipment

specifications. The second response (Phase II) was intended to show that either single-failure-proof handling equipment was not needed or that single-failure-proof equipment has been provided. This safety evaluation report and the attached Technical Evaluation Report (TER) constitutes the staff's evaluation of Phase I. An evaluation of Phase II is continuing and a draft TER has been provided to form the basis for obtaining clarification of the applicant's submittal.

In the December 22, 1980 letter, the applicant for Washington Nuclear Project No. 2 (Washington Public Power Supply System) was requested to review their provisions for handling and control of heavy loads at the WNP-2 facility to determine the extent to which the guidelines of NUREG-0612 are satisfied and to commit to mutually agreeable changes and modifications that would be required in order to fully satisfy these guidelines.

In our SER (NUREG-0892) dated March 1982, we stated that the applicant had committed to implement the final implementation of NUREG-0612 guidelines prior to the receipt

of their operating license in lieu of the interim actions. The applicant has completed their Phase I review and we have approved it as based on the evaluation presented in the attached TER.

The staff and its consultant, Idaho National Engineering Laboratory (INEL) have reviewed the applicant's submittals for the WNP-2. As a result of its review, INEL has issued the attached TER. The staff has reviewed the TER and concurs with its findings that the guidelines of NUREG-0612 Section 5.1.1 have been satisfied. We therefore conclude that Phase I for WNP-2 is acceptable.

However, we require that a condition be placed in the license requiring that prior to startup following the second refueling outage, the applicant shall have made commitments acceptable to the NRC regarding the guidelines of Sections 5.1.2 through 5.1.6 of NUREG-0612 (Phase II - nine-month responses to the NRC generic letter dated December 22, 1980).