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Licensee: Washington Public Power Supply System  
Docket No.: 50-508  
Construction Permit No.: CPPR-154  
Facility Name: Washington Nuclear Project 3  
Reviews Conducted: August 29, 1985 through February 5, 1986  
Onsite Inspections Conducted: October 29, 1985 and November 18-21, 1985  
NRC Offices Participating in Inspections/Reviews:

Office of Inspection and Enforcement, Bethesda, MD  
Office of Nuclear Reactor Regulation, Bethesda, MD  
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WASHINGTON NUCLEAR PROJECT 3 (WNP-3) READINESS REVIEW MODULE NO. 3

CONSTRUCTION ASSURANCE PROGRAM (CAP)

SUMMARY

A Readiness Review Program is being conducted at the initiative of the Washington Public Power Supply System (WPPSS) management to assess the adequacy of completed work in the deferred WNP-3 Project prior to restart of construction, and to provide additional assurance regarding the adequacy of the plant's completed construction and construction process. Readiness Review Program Module No. 3 presents a plan for the Construction Assurance Program that WPPSS intends to use to ensure that the construction of the WNP-3 Project conforms to licensing commitments and NRC regulations.

WPPSS notified NRC in January 1985 of its intention to conduct a CAP at its WNP-3 project. Several meetings were held with the licensee to discuss their CAP. An evaluation of the CAP plan and other related procedures was performed by NRC reviewers from the Office of Inspection and Enforcement (IE), Office of Nuclear Reactor Regulation (NRR) and Region V. The evaluation was performed through a detailed review of the CAP plan and related procedures, meetings, and telephone conversations with the licensee to discuss details of the program.

Our evaluation indicated that the CAP should provide a satisfactory assessment of the plant's completed construction and the construction process. Implementation of the CAP will be inspected by the NRC. Licensee CAP module reports will be reviewed by NRC upon submittal.

## DETAILS

### 1. Scope of Review

The scope of this review consisted of a detailed evaluation of the Construction Assurance Program (CAP) Plan and associated documents for WNP-3. The details of the implementation of the CAP will be inspected in the future.

### 2. Methodology

Review and evaluation of the CAP Plan and associated documents by the following: 1) October 29, 1985 and November 18-21, 1985 site visits; 2) October 29, 1985 public meeting; 3) December 18, 1985 meeting with the licensee, and 4) in-office review of the program plan. The following information was submitted by the applicant and formed the basis for the evaluation:

- ° In letter G03-85-563, dated September 25, 1985, the Supply System submitted its Construction Assurance Program (CAP), the third module for its Readiness Review Program, for NRC review and approval.
- ° In a letter dated November 29, 1985, NRC Region V forwarded to the Supply System, the NRC staff comments regarding the CAP.
- ° In letter G03-86-026, dated January 9, 1986, the Supply System provided its response to the NRC staff comments.
- ° In letter G03-86-045, dated January 20, 1986, the Supply System submitted revisions to its Readiness Review Program descriptions.

### 3. Evaluations

The WNP-3 CAP Plan was reviewed for its adequacy and completeness.

The CAP Plan as modified by the licensee's response to the NRC staff comments contained the following elements.

- ° A commitment to applicable 10 CFR 50 Appendix "B" QA requirements.
- ° A brief organizational structure.
- ° Guidelines to select review topics.
- ° Description of CAP reviews.
- ° Definition of personnel qualifications.
- ° Description of CAP assessments.
- ° Description of an oversight committee's operating charter.
- ° Description of senior management involvement in the CAP and CAP self-assessment.

Licensee module report format and content were identified by the Supply System to be tentative. This will be subject to further NRC inspection and review.

4. Findings

The staff had no further comments regarding the CAP Plan as modified.

5. Conclusion

The NRC review of the CAP plan, as modified by the licensee's response to NRC staff comments, indicates that the plan is capable of providing an assessment of the completed construction and construction process which will ascertain whether or not all FSAR commitments and NRC regulations have been met. Implementation of the program will be subject to further NRC inspection.