

EVALUATION OF PROPOSED TECHNICAL
SPECIFICATION CHANGE TO ALLOW OPERATION
AT GREATER THAN 50% POWER IN SINGLE LOOP
OPERATION AT WNP-2

By Reference 1, Washington Public Power Supply System (WPPSS) proposed Technical Specification changes for WNP-2. The amendment would add a new Technical Specification Section 3/4.3.10, entitled Neutron Flux Monitoring Instrumentation and supporting licensing bases and would modify Technical Specification Section 3/4.4.1 (Recirculation Loops) to permit operation at a higher power level than is currently authorized under Single Loop Operation (SLO).

The WNP-2 submittal provides an improved means for maintaining thermal-hydraulic stability by restricting power level as a function of flow. In addition, it requires operators to monitor LPRM flux signals as well as APRM signals in order to avoid or control abnormal neutron flux oscillations. The staff has reviewed the changes proposed by WPPSS and finds them acceptable for the following reasons:

1. They meet the recommendations made by General Electric in SIL 380 (Ref. 2) which have been found by the staff (Refs. 3; 4) to be an acceptable method for meeting General Design Criteria 10 and 12 with regard to Thermal-Hydraulic Stability.
2. The proposed Technical Specification changes are very similar to those which were previously proposed by Iowa Electric for Duane Arnold. The Duane Arnold Tech Specs have been reviewed and approved by the staff in Reference 5.

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REFERENCES

1. Letter, G. C. Sorensen (WPPSS) to W. R. Butler (NRC), "Nuclear Plant No. 2 Operating License NPF-21, Request for Technical Specification Amendment Under Emergency Circumstances," dated July 17, 1985.
2. GE Service Information Letter (SIL); No. 380, Revision 1, dated February 10, 1984.
3. Letter, C. O. Thomas (NRC) to H. C. Pfefferlen (GE), "Acceptance for Referencing of Licensing Topical Report NEDE-24011, Rev. 6, Amendment 8," Thermal-Hydraulic Stability Amendment to GESTAR II," April 24, 1985.
4. Memo., H. R. Denton to V. Stello, "Close Out Generic Issue #B-19-Thermal-Hydraulic Stability, May 21, 1985.
5. Letter, M. C. Thadani (NRC), to L. Lui (Iowa Electric), dated May 28, 1985.



ENCLOSURE 2

SALP EVALUATION FOR CORE PERFORMANCE BRANCH

Plant: Washington Public Power Supply System Nuclear Plant No. 2

A. Functional Areas: Licensing Activities

1. Approach to Resolution of Technical Issues from a Safety Standpoint.
The licensee has shown a clear understanding of the safety issues in our area of review. Conservatism is routinely exhibited in areas of safety significance. The licensee has proposed technically sound and thorough approaches in all cases.

Rating: Category 1

2. Responsiveness to NRC Initiatives.
The licensee has met all deadlines for submittals and has been very responsive towards timely resolution of issues.

Rating: Category 1

3. Staffing.
Positions of contact personnel in our area of review are well defined. Their authorities and responsibilities are well defined.

Rating: Category 1



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