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SUBJECT: Forwards marked-up Tech Specs which include limiting conditions for operation w/appropriate action statements & surveillance requirements which are affected by single loop operation analyses.

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Washington Public Power Supply System

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November 23, 1983
G02-83-1088

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
RECIRCULATION SYSTEM SINGLE LOOP OPERATION
TECHNICAL SPECIFICATIONS

Reference: Letter, G02-83-814, G. C. Sorensen (SS) to A.
Schwencer (NRC), "Recirculation System Single-
Loop Operation", dated September 8, 1983

Analytical justification for single loop operation (SLO) at WNP-2 was previously transmitted by the reference. Proposed draft technical specifications governing SLO were also included in that submittal. The technical specifications returned to WNP-2 did not reflect our proposals. Subsequently, discussions on the technical merits of our draft specifications and staff requirements were held with George Schrenck of the Core Performance Branch and Tim Collins of the Reactor Systems Branch. The purpose of this memo is to summarize the conclusions of those discussions and re-submit proposed technical specifications which are acceptable to both the Supply System and the NRC.

Attached are marked-up pages from the composite WNP-2 technical specifications. Included are the bases, limiting conditions for operation (LCO) with appropriate action statements and surveillance requirements which are affected by the SLO analyses. The major consideration of these modifications is that reactor startup with only one recirculation loop in service is permitted. In addition, several action statements and surveillance requirements are proposed to ensure that vessel stratification does not occur in single loop operation while core flow or thermal power is relatively low. It should also be noted that several bases sections were updated in this package. This update is important to provide a sound engineering bases for future interpretations of the LCOs, development of adequate surveillance procedures, generation of accurate modifications and implementation of detailed operator training courses. Your serious consideration of these modified specifications is appreciated.

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A. Schwencer

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Should you have any questions regarding this submittal, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing. Our technical staff would also be available to discuss the submittal at your request.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

CMP/tmh
Attachments

cc: R Auluck - NRC
WS Chin - BPA
D Hoffman - NRC
AD Toth - NRC Site