January 6, 1987

Docket No. 50-397

DISTRIBUTION:
Docket No. 50-397
NRC PDR
Local PDR
BWD-3 r/f
EAdensam
JBradfute
EHylton
RBernero
Attorney, OGC
JPartlow
EJordan
BGrimes
ACRS (10)

Mr. G. C. Sorensen, Manager
Regulatory Programs
Washington Public Power Supply System
P.O. Box 968
300 George Washington Way
Richland, Washington 99352

Dear Mr. Sorensen:

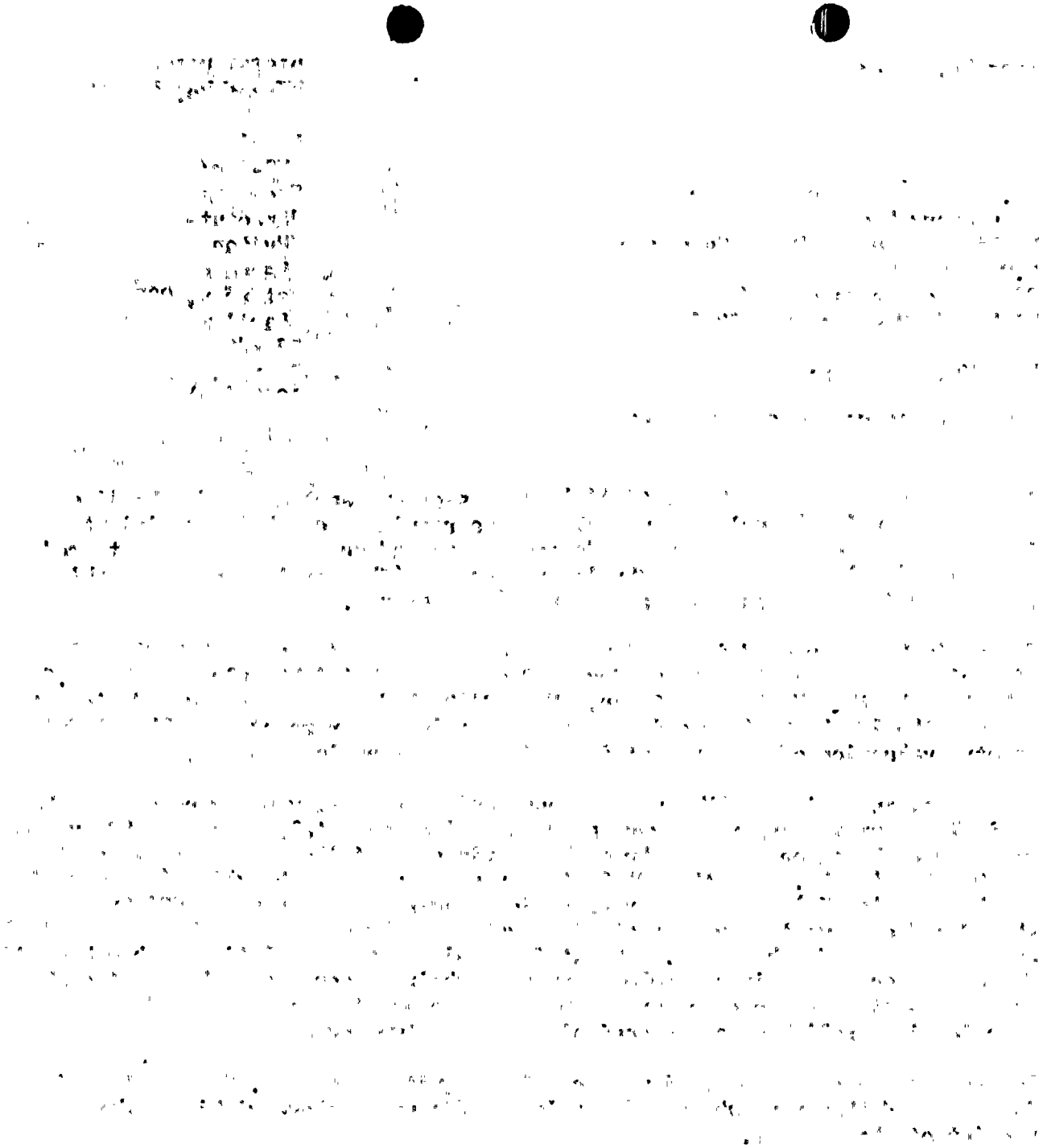
Subject: 10 CFR 50.62, ATWS Rule

In accordance with 10 CFR 50.62(c)(6), licensees and applicants for boiling water reactor (BWR) nuclear power plants are required to submit sufficient information to demonstrate to the Commission the adequacy of an alternate rod injection (ARI) system, a standby liquid control (SLC) system and a reliable reactor coolant recirculating pumps trip (RPT) system.

The staff has completed its review of licensing topical report NEDE-31096-P, "Anticipated Transients Without Scram; Response to NRC ATWS Rule, 10 CFR 50.62", submitted by the BWR Owner's Group. NEDE-31096-P details conceptual designs to satisfy the 10 CFR 50.62 requirements for boiling water reactors. The staff's safety evaluation of that report is enclosed for your information.

As a participant in the BWR owners group topical report, you may reference the topical report in support of your plant specific submittal. For the SLC system, you should choose one of the three alternatives and follow the conditions stated in the staff's SER. For the ARI System, you may use the checklist (in Appendix A of the staff's SER) to address your design requirements. For the RPT System, you should indicate whether your installed system is the same as the Monticello design or the modified Hatch design. The staff requires those utilities with other RPT designs to submit their schedule to upgrade their designs to either of the above approved designs or to demonstrate that their present design can perform its function in a reliable manner equivalent to the two approved designs.

In order to complete the review of compliance with 10 CFR 50.62 for WNP-2, it is requested that you submit information as discussed above within 90 days of receipt of this letter.



Mr. G. C. Sorensen, Manager
Washington Public Power Supply System

WPPSS Nuclear Project No. 2
(WNP-2)

cc:
Nicholas S. Reynolds, Esq.
Bishop, Liberman, Cook,
Purcell & Reynolds
1200 Seventeenth Street, N.W.
Washington, D.C. 20036

Regional Administrator, Region V
U.S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Mr. G. E. Doupe, Esquire
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99532

Mr. Curtis Eschels, Chairman
Energy Facility Site Evaluation Council
Mail Stop PY-11
Olympia, Washington 98504

P. L. Powell, Licensing Manager
Washington Public Power Supply System
P. O. Box 968, MD 956B
Richland, Washington 99352

Mr. W. G. Conn
Burns and Roe, Incorporated
c/o Washington Public Power Supply
System
P. O. Box 968, MD 994E
Richland, Washington 99352

R. B. Glasscock, Director
Licensing and Assurance
Washington Public Power Supply System
P. O. Box 968, MD 280
Richland, Washington 99352

Mr. C. M. Powers
WNP-2 Plant Manager
Washington Public Power Supply System
P. O. Box MD 927M
Richland, Washington 99352

This request for information was approved by OMB under clearance number 3150-0011.

Sincerely,

John O. Bradfute, Project Manager
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosure:
Safety Evaluation (ANO:8611030127)

cc w/enclosure:
See next page

BWD-3:DBL
JBradfute/hmc
12/15/86

LA:BWD-3:DBL
EHylton
12/15/86

D:BWD-3:DBL
EAdensam
12/16/86