

September 15, 1995

Mr. J. V. Parrish (Mail Drop 1023)
Vice President Nuclear Operations
3000 George Washington Way
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

SUBJECT: APPLICABILITY OF GENERAL ELECTRIC TOPICAL REPORT, NEDO-32205,
REVISION 1, TO THE WASHINGTON PUBLIC POWER SUPPLY SYSTEM (WPPSS)
NUCLEAR PROJECT NO. 2 (WNP-2) (TAC NO. M90064)

Dear Mr. Parrish:

In a letter dated July 28, 1994, the Supply System submitted for staff review and approval its assessment of the applicability to the WPPSS Nuclear Project, Unit 2 (WNP-2) reactor vessel of the General Electric Topical Report, NEDO-32205, Revision 1, "10 CFR 50 Appendix G, Equivalent Margin Analysis for Low Upper Shelf Energy in BWR/2 Through BWR/6 Vessels." We have completed our review of your submittal. We concluded that the analyses in NEDO-32205 are applicable to the WNP-2 reactor vessel. We further concluded that the WNP-2 reactor vessel will provide margins of safety against fracture equivalent to those required by Appendix G of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code at the expiration of the WNP-2 license, as required by Appendix G, 10 CFR Part 50 for reactor vessels with upper-shelf energy less than 50 ft-lb. Our evaluation is provided in the enclosure.

When the first surveillance capsule is withdrawn from the reactor vessel, which we understand is currently scheduled for the spring 1996 refueling outage, we request that you evaluate the test results from the surveillance material to determine whether the analyses in NEDO-32205 are applicable to the WNP-2 reactor vessel material. We also request that you provide the results of this assessment to the NRC when you submit the surveillance test report that is required in Appendix H to 10 CFR Part 50.

Please contact me at 301-415-1352 if you have any questions.

Sincerely,

Original Signed By

James W. Clifford, Senior Project Manager
Project Directorate IV-2
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

9509210305 950915
PDR ADOCK 05000397
PDR

Docket No. 50-397

Enclosure: Safety Evaluation

cc w/ encl: See next page

DISTRIBUTION:

Docket File
PUBLIC
EAdensam
JRoe
WBateman
JClifford
EPeyton

ACRS(4), TWFN
PDIV-2 Reading
OGC, 015B18
KPerkins, WCFO
JDyer, RIV
HWong, RIV
RWessman

DOCUMENT NAME: WNP90221.LTR

OFC	PDIV-2/LA	PDIV-2/PM
NAME	EPeyton	JClifford:pk
DATE	9/14/95	9/15/95

OFFICIAL RECORD COPY

NRC FILE CENTER COPY

210064

DFD 11

Mr. J. V. Parrish

- 2 -

September 15, 1995

cc w/encl:

Mr. J. H. Swailes
WNP-2 Plant General Manager
Washington Public Power Supply System
P. O. Box 968
Richland, Washington 99352-0968

Chief Counsel (Mail Drop 396)
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. Frederick S. Adair, Chairman
Energy Facility Site Evaluation Council
P. O. Box 43172
Olympia, Washington 98504-3172

Mr. D. A. Swank (Mail Drop PE20)
WNP-2 Licensing Manager
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352-0968

Mr. Paul R. Bemis (Mail Drop PE20)
Director, Regulatory and Industry
Affairs
Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
Harris Tower & Pavilion
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

Chairman
Benton County Board of Commissioners
P.O. Box 69
Prosser, Washington 99350-0190

Mr. R. C. Barr, Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 69
Richland, Washington 99352-0968

M. H. Philips, Jr., Esq.
Winston & Strawn
1400 L Street, N.W.
Washington, DC 20005-3502