UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 25 1985

Docket No. 50-397

Mr. G. C. Sorensen, Manager
Regulatory Programs
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

Dear Mr. Sorensen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 14 TO FACILITY OPERATING LICENSE NPF-21, WPPSS NUCLEAR PROJECT NO. 2

The U. S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 14 to Facility Operating License NPF-21 to the Washington Public Power Supply System for WPPSS Nuclear Project No. 2, located in Benton County near Richland, Washington. This amendment is in response to your letters dated June 18, 1985 and June 21, 1985.

This action amends the WNP-2 Technical Specifications, Primary Containment Penetration Conductor Overcurrent Protective Devices, 3.8.4.2 to change several of the fuse sizes listed in Table 3.8.4.2-1. These changes will make the Table listings consistent with the fuses actually installed for overcurrent protection as a result of previous design changes.

A copy of the related safety evaluation supporting Amendment No. 14 to Facility Operating License No. NPF-21 is enclosed.

Sincerely,

Walter R. Butler

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosures:
1. Amendment No. 14 to Facility Operating License NPF-21
2. Safety Evaluation

cc w/enclosures:
See next page

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

WPPSS Nuclear Project No. 2
(WNP-2)

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Issuance of Amendment No. 14 to Facility Operating License No. NPF-21
WPPSS Nuclear Project No. 2

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JUN 25 1985

Docket No. 50-397

Mr. G. C. Sorensen, Manager
Regulatory Programs
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

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A copy of the related safety evaluation supporting Amendment No. 14 to Facility Operating License No. NPF-21 is enclosed.

Sincerely,

Original signed by:

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosures:
1. Amendment No. 14 to Facility Operating License NPF-21
2. Safety Evaluation

cc w/enclosures:
See next page

*Previously concurred:

DL/LB#2	DL/LB#2	OELD	DL/LB#2	AD/L/DL
*JBradfute:lam	*EHylton	*WPaton	*WButler	TMNovak
06/24/85	06/24/85	06/20/85	06/24/85	06/25/85

3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
Changes to Technical Specifications

Date of Issuance: JUN 25 1985

*Previously concurred:

DL:LB#2	DL:LB#2	DSI:PSB	OELD	DL:LB#2	ADL/DL
JBradfute:lam	EHylton	MSrinivasan	*WPaton	WButler	TMNovak
06/21/85	06/21/85	06/24/85	06/20/85	06/24/85	06/25/85

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DOCKET NO. 50-397

WPPSS NUCLEAR PROJECT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

License No. NPF-21
Amendment No. 14

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:

   A. The application for amendment filed by the Washington Public Power Supply System (the Supply System, also the licensee) dated June 18, 1985 and June 21, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application as amended, the provisions of the Act, and the regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;

   D. The issuance of this amendment will not be inimical to the common defense and security or the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. NPF-21 is amended to revise the Technical Specifications as indicated in the attachments to this amendment and paragraph 2.C.(2) of Facility Operating License NPF-21 is hereby amended to read as follows:

   (2) Technical Specifications and Environmental Protection Plan

   The Technical Specifications contained in Appendix A, as revised through Amendment No. 14, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Walter R. Butler

Walter R. Butler, Chief
Licensing Branch No. 2
Division of Licensing

Enclosure:
Changes to Technical Specifications

Date of Issuance: JUN 25 1985

ATTACHMENT TO LICENSE AMENDMENT NO. 14
FACILITY OPERATING LICENSE NO. NPF-21
DOCKET NO. 50-397

Replace the following pages of the Appendix "A" Technical Specifications with enclosed pages are identified by Amendment number and contain vertical lines indicating the are of change.

REMOVE	CHANGE
3/4 8-23	3/4 8-23
3/4 8-24	3/4 8-24

TABLE 3.8.4.2-1

PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

EQUIPMENT	PRIMARY PROTECTION		BACKUP PROTECTION	
a. 6900V Circuit Breakers				
RRC-P-1A	E-CB-RRA (Relay)		E-CB-S5 (Relay) E-CB-N2/5 (Relay)	
RRC-P-1B	E-CB-RRB (Relay		E-CB-S6 (Relay) E-CB-N2/6 (Relay)	
b. 480VAC Fused Disconnects				
RRC-V-67A	MC-7C	25AF	MC-7C	50AF
RCC-V-71A	MC-7C	1.25AF	MC-7C	25AF
RCC-V-72A	MC-7C	1.25AF	MC-7C	25AF
RCC-V-72B	MC-8C	1.25AF	MC-8C	25AF
RCC-V-17A	MC-7C	1.25AF	MC-7C	25AF
CRA-FN-1C-2	MC-8B	100AF	MC-8B	200AF
RRC-V-67B	MC-8C	25AF	MC-8C	90AF
RRC-V-23B	MC-8C	15AF	MC-8C	25AF
RWCU-V-102	MC-8C	5AF	MC-8C	25AF
RWCU-V-106	MC-8C	3AF	MC-8C	25AF
RRC-V-23A	MC-8C	15AF	MC-8C	25AF
RWCU-V-101	MC-8C	3AF	MC-8C	25AF
RWCU-V-100	MC-8C	3AF	MC-8C	25AF
RCC-V-17B	MC-8C	1.25AF	MC-8C	25AF
RCC-V-71C	MC-8C	1.25AF	MC-8C	25AF
RCC-V-71B	MC-8C	1.25AF	MC-8C	25AF
CRA-FN-1A-2	MC-7B	100AF	MC-7B	200AF
CRA-FN-1A-1	MC-7B	100AF	MC-7B	200AF
CRA-FN-2A-2	MC-7B	60AF	MC-7B	150AF
CRA-FN-2A-1	MC-7B	150AF	MC-7B	300AF
CRA-FN-5A	MC-7B	25AF	MC-7B	60AF
CRA-FN-4A	MC-7B	15AF	MC-7B	50AF
CRA-FN-5C	MC-7B	25AF	MC-7B	60AF
CRA-FN-3A	MC-7B	25AF	MC-7B	60AF
CRA-FN-1B-2	MC-8B	100AF	MC-8B	200AF
CRA-FN-1B-1	MC-8B	100AF	MC-8B	200AF
CRA-FN-1C-1	MC-8B	100AF	MC-8B	200AF
CRA-FN-2B-1	MC-8B	150AF	MC-8B	300AF
CRA-FN-2B-2	MC-8B	50AF	MC-8B	100AF
MS-V-16	MC-8B-A	3.5AF	MC-8B	125ACB
RWCU-V-1	MC-8B-A	9AF	MC-8B	125ACB
RHR-V-9	MC-8B-A	15AF	MC-8B	125ACB
RCIC-V-63	MC-8B-A	15AF	MC-8B	125ACB
RCC-V-40	MC-8B-A	3.2AF	MC-8B	125ACB
RHR-V-123B	MC-8B-A	1.125AF	MC-8B	125ACB
RCIC-V-76	MC-8B-A	1.125AF	MC-8B	125ACB
CRA-FN-5B	MC-8B	25AF	MC-8B	60AF

TABLE 3.8.4.2-1 (Continued)

PRIMARY CONTAINMENT PENETRATION CONDUCTOR
OVERCURRENT PROTECTIVE DEVICES

EQUIPMENT	PRIMARY PROTECTION		BACKUP PROTECTION	
CRA-FN-5D	MC-8B	25AF	MC-8B	60AF
CRA-FN-3B	MC-8B	25AF	MC-8B	60AF
CRA-FN-3C	MC-8B	25AF	MC-8B	60AF
CRA-FN-4B	MC-8B	15AF	MC-8B	30AF
MS-V-1	MC-8C-B	1AF	MC-8C-B	25AF
MS-V-2	MC-8C-B	1AF	MC-8C-B	25AF
MS-V-5	MC-8C-B	1AF	MC-8C-B	25AF
RHR-V-123A	MC-8B-A	1.125AF	MC-8B	125ACB

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION
AMENDMENT NO. 14 TO NPF-21
WPPSS NUCLEAR PROJECT NO. 2
DOCKET NO. 50-397

INTRODUCTION

The Washington Public Power Supply System proposed a change to the WNP-2 Technical Specifications, Table 3.8.4.2-1, Primary Containment Penetration Conductor Overcurrent Protective Devices, by its letter dated June 18, 1985. Our findings, relative to the proposed change are given below.

EVALUATION

The licensee has been performing the 18-month surveillance testing as required by the WNP-2 Technical Specifications (TS). The surveillance requirements of the TS has prompted a review of the fuses listed in Table 3.8.4.2-1. As a result of this review, the licensee found typographical errors which need to be corrected and certain fuse sizes that need to be changed to conform with the actual plant configuration. The fuse sizes listed in the proposed Table 3.8.4.2-1 have been changed to ensure adequate protection function for the associated equipment and still remain within the design margins of the containment penetration assemblies. The proposed change to the Table 3.8.4.2-1, "Primary Containment Penetration Conductor Overcurrent Protective Devices," complies with the staff's position that the electrical penetration assemblies are designed to withstand, without the loss of mechanical integrity, the maximum available fault current condition that could occur given a single random failure of interrupting devices as recommended in position C1 of R.G. 1.63, Rev. 1, "Electrical Penetration Assemblies in Containment Structures for Water Cooled Nuclear Power Plant."

We, therefore, find the proposed change to be acceptable.

FINAL NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION

A proposed amendment to an operating license for a facility involves no significant hazards consideration if operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; (2) create the possibility of a new or different kind of accident from an accident previously evaluated; or (3) involve a significant reduction in a margin of safety. The licensee has determined and the NRC staff agrees that the requested amendment per 10 CFR 50.92 does not:

1. Involve a significant increase in the probability or consequences of an accident previously evaluated because the changes are within the

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design margin. Previously evaluated events will remain bounding. Therefore no increases in probability or consequence is conceivable.

2) Create the possibility of a new or different kind of accident than previously evaluated because no new accident scenarios are credible. All changes remain within design margins and installed equipment required to respond to accidents remains functionally the same.

3) Involve a significant reduction in a margin of safety because the sizing of fuses within the design margin does not encroach on the overall margin of safety.

Accordingly, the Commission has determined that this amendment involves no significant hazards consideration.

BASIS FOR EMERGENCY SITUATION

This amendment is being issued on an emergency basis. Restart of the WNP-2 power plant is now scheduled for June 25, 1985. The staff has reviewed and evaluated the Supply System's request for an emergency circumstance (letter GO2-85-302 from Sorensen, Supply System, to Butler, NRC, dated June 11, 1985) and agrees that the Supply System has set out an adequate explanation why this emergency situation occurred and why it could not avoid this situation.

ENVIRONMENTAL CONSIDERATION

This amendment involves a change to the requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. The staff has determined that the amendment involves no significant change in the types or significant increase in the amounts of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has determined that this amendment involves no significant hazards consideration. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: JUN 25 1985

Principal Contributor: Sang Rhow