



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

October 16, 1986

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. 29 to Facility Operating
License NPF-21 - WPPSS Nuclear Project No. 2

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 29 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 letter dated March 20, 1986.

This amendment revises the WNP-2 Operating License, NPF-21, by modifying paragraph 2.E of the license which governs the requirements for a Physical Security Plan, Guard Training and Qualification and a Safeguards Contingency Plan. Specifically the amendment deletes the commitment to use a redundant detection system to the plant protected area intrusion system.

A copy of the related safety evaluation supporting Amendment No. 29 to Facility Operating License No. NPF-21 is enclosed.

Sincerely,

A handwritten signature in cursive script that reads "Elinor G. Adensam".

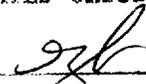
Elinor G. Adensam, Director
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosures:

1. Amendment No. 29 to Facility
Operating License No. NPF-21
2. Safety Evaluation

cc w/enclosures:
See next page

DESIGNATED ORIGINAL

Certified By 

8610220080 861016
PDR ADOCK 05000397
P PDR

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 967
3000 George Washington Way
Richland, Washington 99352

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 956P
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. P. 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

AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-21
WPPSS NUCLEAR PROJECT NO. 2

DISTRIBUTION:

Docket No. 50-397
NRC PDR
Local PDR
PRC System
NSIC
BWD-3 r/f
JBradfute (2)
EHylton (1)
EAdensam
Attorney, OELD
CMiles
RDiggs
JPartlow
EJordan
BGrimes
LHarmon
TBarnhart (4)
EButcher



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

Amendment No. 29
License No. NPF-21

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 March 20, 1986, 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, 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 to 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, the license is amended by changes to paragraph 2.E. of the Facility Operating License No. NPF-21 which is hereby amended to read as follows:
 - 2.E. The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "WNP-2 Physical Security Plan", Revision 11 dated February 26, 1986 (letter dated March 20, 1986); "WNP-2 Training and Qualification Plan" Revision 5 dated October 11, 1985 (letter dated October 11, 1985); and "WNP-2 Safeguards Contingency Plan" Revision 5 dated March 27, 1985 (letter dated March 27, 1985).

8610220084 861016
PDR ADOCK 05000397
P PDR

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

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam

Elinor G. Adensam, Director
BWR Project Directorate No. 3
Division of BWR Licensing

Date of Issuance: October 16, 1986



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-21

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

WPPSS NUCLEAR PROJECT NO. 2

DOCKET NO. 50-397

1.0 INTRODUCTION

The Washington Public Power Supply System has filed with the Nuclear Regulatory Commission a request to amend Facility Operating License NPF-21. The amendment would approve a revision to the licensee's physical security plan entitled, "WNP-2 Physical Security Plan", Revision 11.

2.0 EVALUATION

By letter dated March 20, 1986 the licensee submitted for staff review a revision to the WNP-2 Physical Security Plan involving changes to the intrusion detection system currently installed at the WNP-2 site. The purpose of the change is to eliminate a secondary alarm system thus reducing unacceptably high maintenance requirements at the site.

The WNP-2 plan currently has commitments that require two alarm systems, a primary and a secondary system. The purpose of the secondary system is to replace the primary system in the event of a primary system failure.

3.0 FINDINGS

The basis for deciding on the acceptability of this change is whether or not the licensee could continue to meet the provisions of 10 CFR 73.55 with only one intrusion detection system. The licensee has advised that the system that is being proposed for elimination has "never worked properly" and is requiring unusually high maintenance attention to meet current physical security plan commitments regarding false and nuisance alarm rates and system detectability. In addition the licensee has stated the system to be eliminated was only considered as a backup system to be relied upon in the event the primary detection system failed. The remaining system is one that complies with regulatory guidance and is deployed successfully at many sites throughout the country. The licensee has committed to providing additional surveillance through the use of dedicated closed circuit camera systems or the posting of guards in the event the remaining intrusion detection system fails in part or in total.

Regulations do not require the use of more than one intrusion detection system at the perimeter of the protected area. At WNP-2, adequate provisions have been made to compensate in the event of a degradation of the

8610220088 861016
PDR ADDCK 05000397
P PDR

primary intrusion detection system. Accordingly, the elimination of the redundant system will not significantly degrade the overall performance of their physical protection system.

4.0 RESULTS

The staff has concluded that the revised physical security plan continues to satisfy the requirements of 10 CFR 73.55.

5.0 ENVIRONMENTAL CONSIDERATION

This amendment involves a change in the installation and use of a facility component located within the restricted area as defined in 10 CFR Part 20 and changes to surveillance requirements. The staff has determined that this amendment involves no significant increase in the amounts, and no significant change in the types, 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 previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 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.

6.0 CONCLUSION

The Commission made a proposed determination that the amendment involves no significant hazards consideration which was published in the Federal Register (51 FR 30584) on August 27, 1986, and consulted with the state of Washington. No public comments were received, and the state of Washington did not have any comments.

The staff has 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.

Principal Contributor: Charles E. Gaskin, NMSS

Dated: October 16, 1986