

October 1, 1989

Docket No. 50-412

Mr. J. D. Sieber, Vice President
Nuclear Group
Duquesne Light Company
Post Office Box 4
Shippingport, Pennsylvania 15077

Dear Mr. Sieber:

SUBJECT: BEAVER VALLEY UNIT 2 - ISSUANCE OF AMENDMENT (TAC NO. 75147)

The Commission has issued the enclosed Amendment No. 22 to Facility Operating License No. NPF-73 for the Beaver Valley Power Station, Unit 2, in response to your application dated October 16, 1989.

The amendment revises the Technical Specifications to update the diesel generator fuel oil surveillance requirements to current standards.

A copy of the related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

Signed by

Peter S. Tam, Senior Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 22 to NPF-73
- 2. Safety Evaluation

cc w/enclosures:
See next page

OGC logged in as 8904812 and C.A. Barth reviewed it. Barth's comments have been incorporated in page 4 of SE. PS Tam 10/30/89

OFC	:LA:PDI-4	:PM:PDI-4	:PD:PDI-4	:OGC	:ADR1	:	:
NAME	:SNorris	:PTam:lm BT	:JStolz PS Team for	:	:BBoger	:	:
DATE	:10/31/89	:10/27/89	:10/27/89	:10/30/89	:10/27/89	:	:

OFFICIAL RECORD COPY
Document Name: AMEND 75147

DFOI
1/1
CPA 1

8911080295 891030
PDR ADDCK 05000412
P PNU



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

October 30, 1989

Docket No. 50-412

Mr. J. D. Sieber, Vice President
Nuclear Group
Duquesne Light Company
Post Office Box 4
Shippingport, Pennsylvania 15077

Dear Mr. Sieber:

SUBJECT: BEAVER VALLEY UNIT 2 - ISSUANCE OF AMENDMENT (TAC NO. 75147)

The Commission has issued the enclosed Amendment No. 22 to Facility Operating License No. NPF-73 for the Beaver Valley Power Station, Unit 2, in response to your application dated October 16, 1989.

The amendment revises the Technical Specifications to update the diesel generator fuel oil surveillance requirements to current standards.

A copy of the related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's bi-weekly Federal Register notice.

Sincerely,

A handwritten signature in black ink that reads "Peter S. Tam".

Peter S. Tam, Senior Project Manager
Project Directorate I-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 22 to NPF-73
2. Safety Evaluation

cc w/enclosures:
See next page.

Mr. J. Sieber
Duquesne Light Company

Beaver Valley Power Station
Units 1 & 2

cc:

Jay E. Silberg, Esquire
Shaw, Pittman, Potts and Trowbridge
2300 N Street, N.W.
Washington, DC 20037

Bureau of Radiation Protection
Pennsylvania Department of
Environmental Resources
ATTN: R. Janati
Post Office Box 2063
Harrisburg, Pennsylvania 17120

Kenny Grada, Manager
Nuclear Safety
Duquesne Light Company
P. O. Box 4
Shippingport, Pennsylvania 15077

Mayor of the Borough of
Shippingport
Post Office Box 3
Shippingport, Pennsylvania 15077

John A. Lee, Esquire
Duquesne Light Company
One Oxford Centre
301 Grant Street
Pittsburgh, Pennsylvania 15279

Ashley C. Schannauer
Assistant City Solicitor
City of Pittsburgh
313 City-County Building
Pittsburgh, Pennsylvania 15219

Commissioner Roy M. Smith
West Virginia Department of Labor
Building 3, Room 319
Capitol Complex
Charleston, WV 25305

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

John D. Borrows
Director, Utilities Department
Public Utilities Commission
180 East Broad Street
Columbus, Ohio 43266-0573

Resident Inspector
U.S. Nuclear Regulatory Commission
Post Office Box 181
Shippingport, Pennsylvania 15077

Director, Pennsylvania Emergency
Management Agency
Post Office Box 3321
Harrisburg, Pennsylvania 17105-3321

DATED: October 30, 1989
AMENDMENT NO. 21 TO FACILITY OPERATING LICENSE NO. NPF-73

Docket File
NRC & Local PDR
Plant File
S. Varga (14E4)
B. Boger (14A2)
J. Stolz
S. Norris
P. Tam
OGC
D. Hagan (MNBB 3302)
E. Jordan (MNBB 3302)
B. Grimes (9A2)
T. Meek(4) (P1-137)
W. Jones (P-130A)
J. Calvo (11F23)
E. Tomlinson (13D18)
ACRS (10)
GPA/PA
ARM/LFMB

cc: Licensee/Applicant Service List



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

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

THE TOLEDO EDISON COMPANY

DOCKET NO. 50-412

BEAVER VALLEY POWER STATION, UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 22
License No. NPF-73

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Duquesne Light Company, et al. (the licensee) dated October 16, 1989 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and 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 rules and 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;
 - 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.

8911080298 891030
PDR ADDCK 05000412
P PNU

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-73 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 22, and the Environmental Protection Plan contained in Appendix B, both of which are attached hereto are hereby incorporated in the license. DLC shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION



Bruce A. Boger, Assistant Director
for Region I Reactors
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 30, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 22

FACILITY OPERATING LICENSE NO. NPF-73

DOCKET NO. 50-412

Replace the following pages of the Appendix A (Technical Specifications) with the enclosed pages as indicated. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change.

Remove

3/4 8-1

3/4 8-2

3/4 8-3

3/4 8-4

3/4 8-5

B3/4 8-2

Insert

3/4 8-1

3/4 8-2

3/4 8-3

3/4 8-4

3/4 8-5

B3/4 8-2

3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.1 A.C. SOURCES

OPERATING

LIMITING CONDITION FOR OPERATION

3.8.1.1 As a minimum, the following A.C. electrical power sources shall be OPERABLE:

- a. Two physically independent circuits between the offsite transmission network and the onsite Class 1E distribution system, and
- b. Two separate and independent diesel generators each with:
 1. Separate day tank containing a minimum of 350 gallons of fuel,
 2. A separate fuel storage system containing a minimum of 53,225 gallons of fuel,
 3. A separate fuel transfer pump,
 4. Lubricating oil storage containing a minimum total volume of 504 gallons of lubricating oil, and
 5. Capability to transfer lubricating oil from storage to the diesel generator unit.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

- a. With either an offsite circuit or diesel generator* of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.5 within one hour and at least once per 8 hours thereafter; restore at least two offsite circuits and two diesel generators to OPERABLE status within 72 hours or be in COLD SHUTDOWN within the next 36 hours.
- b. With one offsite circuit and one diesel generator* of the above required A.C. electrical power sources inoperable, demonstrate the OPERABILITY of the remaining A.C. sources by performing Surveillance Requirements 4.8.1.1.1.a and 4.8.1.1.2.a.5 within one hour and at least once per 8 hours thereafter; restore at least one of the inoperable sources to OPERABLE status within 12 hours or be in COLD SHUTDOWN within the next 36 hours. Restore at least two offsite circuits and two diesel generators to OPERABLE status within 72 hours from the time of initial loss or be in COLD SHUTDOWN within the next 36 hours.

ELECTRICAL POWER SYSTEMS

LIMITING CONDITION FOR OPERATION (Continued)

- c. With two of the above required offsite A.C. circuits inoperable, demonstrate the OPERABILITY of two diesel generators by performing Surveillance Requirements 4.8.1.1.2.a.5 within one hour and at least once per 8 hours thereafter, unless the diesel generators are already operating; restore at least one of the inoperable offsite sources to OPERABLE status within 24 hours or be in at least HOT STANDBY within the next 4 hours. With only one offsite source restored, restore at least two offsite circuits to OPERABLE status within 72 hours from time of initial loss or be in COLD SHUTDOWN within the next 36 hours.
- d. With two of the above required diesel generators inoperable*, demonstrate the OPERABILITY of two offsite A.C. circuits by performing Surveillance Requirement 4.8.1.1.1.a within one hour and at least once per 8 hours thereafter; restore at least one of the inoperable diesel generators to OPERABLE status within 2 hours or be in COLD SHUTDOWN within the next 36 hours. Restore at least two diesel generators to OPERABLE status within 72 hours from time of initial loss or be in COLD SHUTDOWN within the next 36 hours.

SURVEILLANCE REQUIREMENTS

4.8.1.1.1. Two physically independent circuits between the offsite transmission network and the onsite Class 1E distribution system shall be:

- a. Determine OPERABLE at least once per 7 days by verifying correct breaker alignment, indicated power availability, and
- b. Demonstrated OPERABLE at least once per 18 months by transferring (manually and automatically) unit power supply from the unit circuit to the system circuit.

4.8.1.1.2 Each diesel generator shall be demonstrated OPERABLE:

- a. At least once per 31 days on a STAGGERED TEST BASIS by:
 - 1. Verifying the fuel level in the day tank,
 - 2. Verifying the fuel level in the fuel storage tank,

*Fuel oil contained in the storage tanks not meeting the properties in accordance with 4.8.1.1.2.d.2 or 4.8.1.1.2.e shall be brought within the specified limits within 7 days.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

3. (Deleted)
 4. Verifying the fuel transfer pump can be started and transfers fuel from the storage system to the day tank,
 5. Verifying the diesel starts from ambient condition,
 6. Verifying the generator is synchronized, loaded to $\geq 4,238$ kw, and operates for at least 60 minutes,
 7. Verifying the diesel generator is aligned to provide standby power to the associated emergency busses, and
 8. Verifying the lubricating oil inventory in storage.
- b. At least once per 18 months* during shutdown by:
1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service,
 2. Verifying the generator capability to reject a load of ≥ 825 kw without tripping,
 3. Simulating a loss of offsite power in conjunction with a safety injection signal, and:
 - a) Verifying de-energization of the emergency busses and load shedding from the emergency busses.
 - b) Verifying the diesel starts from ambient condition on the auto-start signal, energizes the emergency busses with permanently connected loads, energizes the auto-connected emergency loads through the load sequencer and operates for ≥ 5 minutes while its generator is loaded with the emergency loads.
 4. Verifying that on a loss of power to the emergency busses, all diesel generator trips, except engine overspeed, backup phase fault detection#, generator differential current, and generator overexcitation are automatically disabled.

*The specified 18-month surveillance interval during the first fuel cycle may be extended to coincide with completion of the first refueling outage.

#This item (backup phase fault detection) is to be implemented no later than startup from the second refueling outage.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

5. Verifying the diesel generator operates for at least 60 minutes while loaded to $\geq 4,238$ kw.
 6. Verifying that the auto-connected loads to each diesel generator do not exceed the 2000 hour rating of 4,535 kw.
 7. Verifying that the automatic load sequence timer is OPERABLE with each load sequence time within $\pm 10\%$ of its required value.
- c. Check for and remove accumulated water:
1. From the day tank, at least once per 31 days and after each operation of the diesel where the period of operation was greater than 1 hour, and
 2. From the fuel oil storage tank, at least once per 92 days.
- d. By sampling new fuel oil in accordance with ASTM D4057-81 prior to addition to the storage tanks and:
1. By verifying in accordance with the test specified in ASTM D975-81 prior to addition to the storage tanks that the sample has:
 - a) An API gravity of within 0.3 degrees at 60°F or a specific gravity of within 0.0016 at 60/60°F, when compared to the supplier's certificate or an absolute specific gravity at 60/60°F of greater than or equal to 0.83 but less than or equal to 0.89 or an API gravity at 60°F of greater than or equal to 27 degrees but less than or equal to 39 degrees,
 - b) A kinematic viscosity at 40°C of greater than or equal to 1.9 centistokes, but less than or equal to 4.1 centistokes, if gravity was not determined by comparison with the supplier's certification,
 - c) A flash point equal to or greater than 125°F, and
 - d) A clear and bright appearance with proper color when tested in accordance with ASTM D4176-82.
 2. By verifying within 31 days of obtaining the sample that the other properties specified in Table 1 of ASTM D975-81 are met when tested in accordance with ASTM D975-81 except that the analysis for sulfur may be performed in accordance with ASTM D1552-79 or ASTM D2622-82.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- e. At least once every 31 days by obtaining a sample of fuel oil from the storage tanks and day tanks in accordance with ASTM D2276-78, and verifying that total particulate contamination is less than 10 mg/liter when checked in accordance with ASTM D2276-78, Method A.
- f. At least once per 10 years or after any modifications which could affect diesel generator interdependence by starting** both diesel generators simultaneously, during shutdown, and verifying that both diesel generators accelerate to at least 514 rpm in less than or equal to 10 seconds.
- g. At least once per 10 years by:
 - 1) Draining each main fuel oil storage tank, removing the accumulated sediment, and cleaning the tank using a sodium hypochlorite solution or other appropriate cleaning solution, and
 - 2) Performing a pressure test, of those portions of the diesel fuel oil system designed to Section III, subsection ND of the ASME Code, at a test pressure equal to 110% of the system design pressure.

**This test shall be conducted in accordance with the manufacturer's recommendations regarding engine prelube and warmup procedures, and as applicable regarding loading recommendations.

3/4.8 ELECTRICAL POWER SYSTEMS

BASES

3/4.8.1, 3/4.8.2 A.C. SOURCES AND ONSITE POWER DISTRIBUTION (Continued)

Table 3.8-1 specifies the normal limits for each designated pilot cell and each connected cell for electrolyte level, float voltage and specific gravity. The limits for the designated pilot cells float voltage and specific gravity, greater than 2.13 volts and 0.015 below the manufacturer's full charge specific gravity or a battery charger current that had stabilized at a low value, is characteristic of a charged cell with adequate capacity. The normal limits for each connected cell for float voltage and specific gravity, greater than 2.13 volts and not more than 0.020 below the manufacturer's full charge specific gravity with an average specific gravity of all the connected cells not more than 0.010 below the manufacturer's full charge specific gravity, ensures the OPERABILITY and capability of the battery.

Operation with a battery cell's parameter outside the normal limit but within the allowable value specified in Table 3.8-1 is permitted for up to 7 days. During this 7 day period: (1) the allowable values for electrolyte level ensures no physical damage to the plates with an adequate electron transfer capability; (2) the allowable value for the average specific gravity of all the cells, not more than 0.020 below the manufacturer's recommended full charge specific gravity, ensures that the decrease in rating will be less than the safety margin provided in sizing; 3) the allowable value for an individual cell's specific gravity, ensures that an individual cell's specific gravity will not be more than 0.040 below the manufacturer's full charge specific gravity and that the overall capability of the battery will be maintained within an acceptable limit; and 4) the allowable value for an individual cell's float voltage, greater than 2.07 volts, ensures the battery's capability to perform its design function.

Note * on page 3/4 8-2 provides clarification of specification 3.8.1.1 Action requirements when the diesel generators are inoperable as a result of surveillance requirements 4.8.1.1.2.d.2 and 4.8.1.1.2.e in accordance with Regulatory Guide 1.137, Revision 1, Position C.2.a.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 22 TO FACILITY OPERATING LICENSE NO. NPF-73

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

THE TOLEDO EDISON COMPANY

BEAVER VALLEY POWER STATION, UNIT NO. 2

DOCKET NO. 50-412

INTRODUCTION

Recently, Duquesne Light Company (the licensee, acting as agent for the above utilities) performed a surveillance test in accordance with Technical Specification 4.8.1.1.2.d.2 and discovered that the impurity level (insoluble) in the diesel fuel oil has exceeded the specified limit. On the licensee's request, we reviewed the subject requirement and concluded that the test specified in specification 4.8.1.1.2.d.2 was inappropriate, and was not in compliance with the current Westinghouse Standard Technical Specification (WSTS). As a result of the licensee's letter dated September 28, 1989, we granted a waiver of compliance from specification 4.8.1.1.2.d.2. All the review activities were covered by licensing action TAC 74885.

The licensee committed, as compensatory measures for receiving the waiver of compliance, to immediately meet current WSTS requirements expressed in the McGuire Technical Specifications. Details may be found in the waiver dated September 29, 1989. Furthermore, the licensee committed to adopt the WSTS for Beaver Valley Unit 2. By letter dated October 16, 1989, the licensee submitted an application to this effect. The same application also proposes to impose similar requirements on Beaver Valley Unit 1 but a Unit 1 amendment will be issued separately. Our review of the proposed amendment for Unit 2 follows.

DISCUSSION AND EVALUATION

The proposed amendment would modify the diesel generator fuel oil surveillance requirements to reflect the current WSTS. The following changes are made:

(1) Specification 3.8.1.1.a,b,d

A footnote * is added to clarify the allowable duration (7 days) when the diesel generators are considered inoperable per specification 4.8.1.1.2.d.2 and 4.8.1.1.2.e. These surveillance requirements verify the

quality of the fuel oil in the storage tanks on a periodic basis and in accordance with Regulatory Guide 1.137, Position C.2.a, the fuel oil may for a short period of time (about a week), be allowed not to meet the specification requirements. The intent of the surveillance requirements is to ensure the fuel oil satisfies the quality specifications; therefore, note * has been written to allow up to 7 days to correct the out-of-specification condition. These changes are acceptable due to their compliance with Regulatory Guide 1.137.

(2) Specification 4.8.1.1.2.a.3

This specification is deleted. The fuel oil sample verification requirements are now satisfied by the revised specifications 4.8.1.1.2.d and e (see below). The deletion is thus acceptable.

(3) Specification 4.8.1.1.2.d

The waiver of compliance granted on September 29, 1989, was partly based on the licensee's commitment to immediately meet the WSTS as expressed in the McGuire Technical Specifications. The licensee proposed to replace specification 4.8.1.1.2.d with the corresponding WSTS requirements. The new requirements specify tests to be applied to new fuel oil, i.e., API gravity test, kinematic viscosity, flash point and visual appearance. The acceptance criteria and procedures (ASTM documents) are also specified.

All the changes to specifications 4.8.1.1.2.d are identical to the WSTS as expressed in the McGuire TS. The requirements are more up-to-date, are at least equal to the former requirements in assuring diesel generator operability, and are identical to what was accepted in the September 29, 1989 waiver of compliance. We find these changes acceptable.

(4) Specification 4.8.1.1.2.e

This is newly added to require sampling the fuel oil in the storage tanks and day tanks at least every 31 days, and verifying the total particulate contamination be less than 10 mg/liter. This will be performed in accordance with ASTM D2276-78 Method A which provides a more accurate test method for indication of fuel oil impurity. The old method, specified in ASTM D2274-70 did not describe an accurate measure of existing fuel oil purity; it was a quality test mainly used to evaluate long-term fuel oil storage characteristics. The revised specification, which endorses ASTM D2276-78, would give accurate results, and is identical to the WSTS as is in existence in the McGuire TS. We find this change acceptable.

(5) Specification 4.8.1.1.2.e and f

Due to the new specification 4.8.1.1.2.e above, these two specifications are renumbered to be "4.8.1.1.2.f" and "4.8.1.1.2.g." These changes are purely editorial and are acceptable.

(6) Bases Section 3/4.8.1, 3/4.8.2

A paragraph is added to describe the basis of the * note. See change (1) above. This change is acceptable as discussed above.

EMERGENCY CIRCUMSTANCES

The licensee's September 28, 1989 letter clearly stated that the unit could not meet specification 4.8.1.1.2.d.2, and that a waiver of compliance would be needed immediately to prevent untimely shutdown. We agreed with the licensee's assessment and found the proposed compensatory measures acceptable, and thus granted the waiver of compliance. In the waiver, we stated that the then specification 4.8.1.1.2.d.2 was inappropriate and inaccurate. Ideally, the problematic specification could be amended in about two days under emergency circumstances. Such was not done since we realized that the problem was not just with that specification, but that most of the diesel fuel oil requirements were outdated. We therefore specified that the waiver would last until October 30, 1989, with the assumption that the licensee would have time to evaluate upgrade of all the diesel oil specifications to the WSTS.

Failure to grant this amendment under emergency circumstances would require shutdown of Beaver Valley Unit 2 shortly after October 30, 1989. The licensee has submitted a timely application on October 16, 1989. Based upon the above, we conclude that the licensee has adequately addressed the standards of 10 CFR 50.91(a)(5) with regard to demonstrating the need for an emergency license amendment. We further conclude, based on our frequent monitoring of the licensee's activities leading to the requested amendment, that the licensee has not abused the emergency provision by failing to make timely application for amendment.

FINAL NO SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION

The Commission's regulations in 10 CFR 50.92 state that the Commission may make a final determination that a license amendment involves no significant hazards consideration, if operation of the facility, in accordance with the amendment would not:

- (1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or
- (2) Create the possibility of a new or different kind of accident from any accident previously evaluated; or
- (3) Involve a significant reduction in a margin of safety.

This amendment has been evaluated against the standards in 10 CFR 50.92. It does not involve a significant hazards consideration because the answers to the three criteria are all negative as follows:

We have evaluated the new diesel oil specifications and determined that they do not reduce the level of diesel generator operability. The new requirements cannot function as initiating events of any previously analyzed accidents.

Furthermore, we determined that despite the proposed changes to the technical specifications, the original design requirement of the system will continue to be met, and safety-related systems which require power supply from the diesel generators will be capable of performing their original design functions. Hence the probability and consequences of previously analyzed accidents will not be increased. There is no hardware, software or operational procedure changes as a result of the proposed amendment, and hence no new failure modes are introduced. Finally, there is no change in any analytical assumption or acceptance criteria.

STATE CONSULTATION

In accordance with the Commission's regulations, efforts were made to contact the Commonwealth of Pennsylvania representatives. The state representative (Mr. Richard Janati) was contacted on October 24, 1989 and he had no comments.

ENVIRONMENTAL CONSIDERATION

The amendment changes requirements with respect to the use of a facility component located within the restricted area, and changes surveillance requirements as defined in 10 CFR Part 20. We have determined that the 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. We have made a final no significant hazards consideration finding with respect to this amendment. Accordingly, the 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 the 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 (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: E. Tomlinson and Peter S. Tam

Dated: October 30, 1989