

October 27, 1987

Docket No. 50-334

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

Dear Mr. Sieber:

Subject: Issuance of Amendment (Licensing Action TAC # 62087)

The Commission has issued the enclosed Amendment No. 117 to Facility Operating License No. DPR-66 for the Beaver Valley Power Station, Unit No. 1. The amendment consists of changes to the Technical Specifications in response to your application dated July 28, 1986.

The amendment changes the Technical Specifications for Beaver Valley Unit No. 1 to bring the pump testing surveillance requirements to compliance with the requirements of 10 CFR 50.55a(g)4(i), and to conformance with similar requirements in Beaver Valley Unit 2.

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,

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

Enclosures:

1. Amendment No. 117 to DPR-66
2. Safety Evaluation October 27, 1987

cc w/enclosures:

See next page

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Mr. J. D. Sieber
Duquesne Light Company

Beaver Valley 1 Power Station

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

DUQUESNE LIGHT COMPANY

OHIO EDISON COMPANY

PENNSYLVANIA POWER COMPANY

DOCKET NO. 50-334

BEAVER VALLEY POWER STATION, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 117
License No. DPR-66

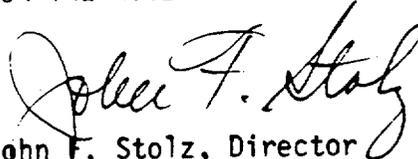
1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Duquesne Light Company, et al. (the licensee) dated July 28, 1986 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules 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.
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. DPR-66 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No.117, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This amendment is effective on issuance, to be implemented no later than 30 days after issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director
Project Directorate I-4
Division of Reactor Projects I/II

Attachment:
Changes to the Technical
Specifications

Date of Issuance: October 27, 1987

ATTACHMENT TO LICENSE AMENDMENT NO. 117

FACILITY OPERATING LICENSE NO. DPR-66

DOCKET NO. 50-334

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

Remove

3/4 1-11
3/4 1-12
3/4 1-13
3/4 1-14
3/4 5-4
3/4 5-5
3/4 6-11
3/4 6-12
3/4 6-13
3/4 6-14
3/4 6-15
3/4 7-5
3/4 7-6
3/4 7-12
3/4 7-13

Insert

3/4 1-11
3/4 1-12
3/4 1-13
3/4 1-14
3/4 5-4
3/4 5-5
3/4 6-11
3/4 6-12
3/4 6-13
3/4 6-14
3/4 6-15
3/4 7-5
3/4 7-6
3/4 7-12
3/4 7-13

REACTIVITY CONTROL SYSTEMS

CHARGING PUMP - SHUTDOWN

LIMITING CONDITION FOR OPERATION

3.1.2.3 One charging pump in the boron injection flow path required by Specification (3.1.2.1) or Low Head Safety Injection Pump (with an open reactor coolant system vent of greater than or equal to 3.14 square inches) shall be OPERABLE and capable of being powered from an OPERABLE bus.

APPLICABILITY: MODES 5 and 6.

ACTION:

With none of the charging pumps OPERABLE, suspend all operations involving CORE ALTERATIONS or positive reactivity changes until one charging pump or Low Head Safety Injection pump is restored to OPERABLE status.

SURVEILLANCE REQUIREMENTS

4.1.2.3.1 The above required charging pump shall be demonstrated OPERABLE by verifying, on recirculation flow, that the pump develops a discharge pressure greater than or equal to 2402 psig when tested pursuant to Specification 4.0.5.

4.1.2.3.2 All charging pumps, except the above required charging pump, shall be demonstrated inoperable at least once per 12 hours by verifying that the control switches are placed in the PULL-TO-LOCK position and tagged.

4.1.2.3.3 When the Low Head Safety Injection pump is used in lieu of a charging pump, the Low Head Safety Injection pump shall be demonstrated OPERABLE by:

- a. Verification of an operable RWST pursuant to 4.1.2.7,
- b. Verification of an operable Low Head Safety Injection Pump pursuant to Specification 4.5.2.b.2,
- c. Verification of power available* to MOV-1SI-890C with the plug inserted in its control circuit and an operable Low Head Safety Injection flow path from the RWST to the Reactor Coolant System once per shift, and
- d. Verification that the vent is open at least once per 12 hours.**

* Emergency backup power need not be available

** Except when the vent path is provided with a valve which is locked or provided with remote position indication, or sealed, or otherwise secured in the open position, then verify these valves open at least once per 7 days.

REACTIVITY CONTROL SYSTEMS

CHARGING PUMPS - OPERATING

LIMITING CONDITION FOR OPERATION

3.1.2.4 At least two charging pumps shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4*

ACTION:

With only one charging pump OPERABLE, restore at least two charging pumps to OPERABLE status within 72 hours or be in at least HOT STANDBY and borated to a SHUTDOWN MARGIN equivalent to at least 1% $\Delta k/k$ at 200 °F within the next 6 hours; restore at least two charging pumps to OPERABLE status within the next 7 days or be in COLD SHUTDOWN within the next 30 hours.

SURVEILLANCE REQUIREMENTS

4.1.2.4.1 At least two charging pumps shall be demonstrated OPERABLE by verifying, on recirculation flow, that each pump develops a discharge pressure greater than or equal to 2402 psig when tested pursuant to Specification 4.0.5.

4.1.2.4.2 All charging pumps, except the above required OPERABLE pump, shall be demonstrated inoperable at least once per 12 hours whenever the temperature of one or more of the inservice RCS cold legs is $\leq 275^\circ\text{F}$ by verifying that the control switches are placed in the PULL-TO-LOCK position and tagged.

*A maximum of one centrifugal charging pump shall be OPERABLE whenever the temperature of one or more of the non-isolated RCS cold legs is $\leq 275^\circ\text{F}$.

REACTIVITY CONTROL SYSTEMS

BORIC ACID TRANSFER PUMPS - SHUTDOWN

LIMITING CONDITION FOR OPERATION

3.1.2.5 One boric acid transfer pump shall be OPERABLE and capable of being powered from an OPERABLE emergency bus if only the flow path thru the boric acid transfer pump of Specification 3.1.2.1a, is OPERABLE.

APPLICABILITY: MODES 5 and 6.

ACTION:

With no boric acid transfer pump OPERABLE as required to complete the flow path of Specification 3.1.2.1a, suspend all operations involving CORE ALTERATIONS or positive reactivity changes until at least one boric acid transfer pump is restored to OPERABLE status.

SURVEILLANCE REQUIREMENTS

4.1.2.5 The above required boric acid transfer pump shall be demonstrated OPERABLE, on recirculation flow, by verifying that the pump develops a discharge pressure greater than or equal to 107 psig when tested pursuant to Specification 4.0.5.

REACTIVITY CONTROL SYSTEMS

BORIC ACID TRANSFER PUMPS - OPERATING

LIMITING CONDITION FOR OPERATION

3.1.2.6 At least one boric acid transfer pump in the boron injection flow path required by Specification 3.1.2.2a shall be OPERABLE and capable of being powered from an OPERABLE emergency bus if the flow path through the boric acid pump in Specification 3.1.2.2a is OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With no boric acid transfer pump OPERABLE, restore at least one boric acid transfer pump to OPERABLE STATUS within 72 hours or be in at least HOT STANDBY within the next 6 hours and borated to a SHUTDOWN MARGIN equivalent to 1% $\Delta k/k$ at 200°F; restore at least one boric acid transfer pump to OPERABLE status within the next 7 days or be in COLD SHUTDOWN within the next 30 hours.

SURVEILLANCE REQUIREMENTS

4.1.2.6 The above required boric acid transfer pump shall be demonstrated OPERABLE, on recirculation flow, by verifying that the pump develops a discharge pressure greater than or equal to 107 psig when tested pursuant to Specification 4.0.5.

EMERGENCY CORE COOLING SYSTEMS

SURVEILLANCE REQUIREMENTS

4.5.2 Each ECCS subsystem shall be demonstrated OPERABLE:

- a. At least once per 12 hours by verifying that the following valves are in the indicated positions with power to the valve operator control circuits disconnected by removal of the plug in the lock out circuit from each circuit:

<u>Valve Number</u>	<u>Valve Function</u>	<u>Valve Position</u>
MOV SI 890 A	LHSI to hot leg	CLOSED
MOV SI 890 B	LHSI to hot leg	CLOSED
MOV SI 890 C	LHSI to cold leg	OPEN
MOV SI 869 A	Ch Pmp to hot leg	CLOSED
MOV SI 869 B	Ch Pmp to hot leg	CLOSED

- b. By verifying that each of the following pumps develops the required discharge pressure on recirculation flow when tested pursuant to Specification 4.0.5:

- 1) Centrifugal charging pump ≥ 2402 psig,
- 2) Low head safety injection pump ≥ 159 psig

EMERGENCY CORE COOLING SYSTEMS

SURVEILLANCE REQUIREMENTS (continued)

c. At least once per 31 days by:

1. Verifying that each valve (manual, power operated or automatic) in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.
2. Verifying that each ECCS subsystem is aligned to receive electrical power from separate OPERABLE emergency buses.

d. By visual inspection which verifies that no loose debris (rags, trash, clothing, etc) is present in the containment which could be transported to the containment sump and cause restriction of the pump suction during LOCA conditions. This visual inspection shall be performed:

1. For all accessible areas of the containment prior to establishing containment integrity, and
2. Of the areas affected within containment at the completion of each containment entry when containment integrity is established.

e. At least once per 18 months by:

1. A visual inspection of the containment sump and verifying that the subsystem suction inlets are not restricted by debris and that the sump components (trash racks, screens, etc.) show no evidence of structural distress or corrosion.

f. At least once per 18 months, during shutdown, by:

1. Cycling each power operated (excluding automatic) valve in the flow path that is not testable during plant operation, through at least one complete cycle of full travel.
2. Verifying that each automatic valve in the flow path actuates to its correct position on a safety injection signal.
3. Verifying that the centrifugal charging pump and low head safety injection pumps start automatically upon receipt of a safety injection signal.

CONTAINMENT SYSTEMS

3/4.6.2 DEPRESSURIZATION AND COOLING SYSTEMS

CONTAINMENT QUENCH SPRAY SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.2.1 Two separate and independent containment quench spray subsystems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With one containment quench spray subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

- 4.6.2.1 Each containment quench spray subsystem shall be demonstrated OPERABLE;
- a. At least once per 31 days by:
 1. Verifying that each valve (manual, power-operated, or automatic) in the flow path not locked, sealed, or otherwise secured in position, is in its correct position; and
 2. Verifying the temperature of the borated water in the refueling water storage tank is within the limits shown on Figure 3.6-1.
 - b. At least once per 31 days on a STAGGERED TEST BASIS, by verifying, that on a recirculation flow, each pump develops a discharge pressure of greater than or equal to 153 psig at a flow of ≥ 1550 gpm when tested pursuant to Specification 4.0.5.

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- c. At least once per 18 months during shutdown, by:
1. Cycling each power operated (excluding automatic) valve in the flow path that is not testable during plant operation, through at least one complete cycle of full travel.
 2. Verifying that each automatic valve in the flow path actuates to its correct position on a test signal.
 3. Verifying that each spray pump starts automatically on a test signal.
- d. At least once per 5 years by performing an air or smoke flow test through each spray header and verifying each spray nozzle is unobstructed.

CONTAINMENT SYSTEMS

CONTAINMENT RECIRCULATION SPRAY SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.2.2 Four separate and independent containment recirculation spray subsystems, each composed of a spray pump, associated heat exchanger and flow path shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With one containment recirculation spray subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 7 days or be in HOT STANDBY within the next 6 hours; restore the inoperable spray system to OPERABLE status within the next 48 hours or be in COLD SHUTDOWN within the next 30 hours.

SURVEILLANCE REQUIREMENTS

4.6.2.2 Each containment recirculation spray subsystem shall be demonstrated OPERABLE:

- a. At least once per 31 days by verifying that each accessible valve (manual, power-operated, or automatic) in the flow path not locked, sealed or otherwise secured in position, is in its correct position;
- b. When tested pursuant to Specification 4.0.5, manually start each recirculation spray pump and verify the pump shaft rotates;
- c. At least once per 18 months by verifying that on a Containment Pressure-High-High signal, the recirculation spray pumps start automatically as follows:

RS-P-1A and RS-P-2B	210 ± 5 second delay
RS-P-2A and RS-P-1B	225 ± 5 second delay
- d. At least once per 18 months during shutdown, verify that on recirculation flow, each pump develops a discharge pressure of greater than or equal to 115 psig at a flow of ≥ 2000 gpm when tested pursuant to Specification 4.0.5;

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (continued)

- e. At least once per 18 months during shutdown, by:
1. Cycling each power operated (excluding automatic) valve in the flow path not testable during plant operation, through at least one complete cycle of full travel.
 2. Verifying that each automatic valve in the flow path actuates to its correct position on a test signal.
 3. Initiating flow through each River Water subsystem and its two associated recirculation spray heat exchangers, and verifying a flow rate of at least 8000 gpm.
- f. At least once per 5 years by performing an air or smoke flow test through each spray header and verifying each spray nozzle is unobstructed.

CONTAINMENT SYSTEMS

CHEMICAL ADDITION SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.2.3 The chemical addition system shall be OPERABLE with:

- a. A chemical addition tank containing at least 4700 gallons of between 19.5 and 20 percent by weight NaOH solution, and
- b. Four chemical injection pumps each capable of adding NaOH solution from the chemical addition tank to a containment quench spray system pump flow.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With the chemical addition system inoperable, restore the system to OPERABLE status within 72 hours or be in HOT STANDBY within the next 6 hours; restore the chemical addition system to OPERABLE status within the next 48 hours or be in COLD SHUTDOWN within the next 36 hours.

SURVEILLANCE REQUIREMENTS

4.6.2.3 The chemical addition system shall be demonstrated OPERABLE:

- a. At least once per 31 days by verifying that each valve (manual, power-operated, or automatic) in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.
- b. By verifying, that on recirculation flow, each pump develops a flow between 31 and 34 gpm when tested pursuant to Specification 4.0.5.

PLANT SYSTEMS

AUXILIARY FEEDWATER SYSTEM

LIMITING CONDITION FOR OPERATION

3.7.1.2 At least three steam generator auxiliary feedwater pumps and associated flow paths shall be OPERABLE with:

- a. Two feedwater pumps, each capable of being powered from separate emergency busses, and
- b. One feedwater pump capable of being powered from an OPERABLE steam supply system.

APPLICABILITY: MODES 1, 2 and 3.

ACTION:

- a. With one auxiliary feedwater pump inoperable, restore at least three auxiliary feedwater pumps (two capable of being powered from separate emergency busses and one capable of being powered by an OPERABLE steam supply system) to OPERABLE status within 72 hours or be in HOT SHUTDOWN within the next 12 hours.
- b. With the motor driven auxiliary feedwater pump supplying the redundant header inoperable, realign the two remaining auxiliary feedwater pumps to separate headers within 2 hours.

SURVEILLANCE REQUIREMENTS

4.7.1.2 Each auxiliary feedwater pump shall be demonstrated OPERABLE:

- a. When tested pursuant to Specification 4.0.5:
 1. By verifying, that on recirculation flow the above required motor-driven pumps develop a discharge pressure greater than or equal to 1155 psig.
 2. By verifying, that on recirculation flow the above required steam turbine driven pump develops a discharge pressure greater than or equal to 1155 psig when the secondary steam pressure is greater than 600 psig.

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

b. At least once per 31 days by:

1. Verifying that each valve (manual, power operated or automatic) in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.
2. Reverifying the requirements of Tech Spec. surveillance 4.7.1.2.b.1 by a second and independent operator.
3. Establish and maintain constant communications between the control room and the auxiliary feed pump room while any normal discharge valve is closed during surveillance testing.
4. Verifying operability of each River Water Auxiliary Supply valve by cycling each manual River Water to Auxiliary Feedwater System valve through one complete cycle.

c. Following an extended plant outage verify Auxiliary Feedwater flow from WT-TK-10 to the Steam Generators with the Auxiliary Feedwater Valves in their normal alignment.

d. At least once per 18 months during shutdown by:

1. Cycling each power operated (excluding automatic) valve in the flow path that is not testable during plant operation, through at least one complete cycle of full travel.
2. Verifying that each automatic valve in the flow path actuates to its correct position on a test signal.
3. Verifying that each pump starts automatically upon receipt of a test signal.

PLANT SYSTEMS

3/4.7.3 COMPONENT COOLING WATER SYSTEM

LIMITING CONDITION FOR OPERATION

3.7.3.1 At least two component cooling water subsystems shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With less than two component cooling water subsystems OPERABLE, restore at least two subsystems to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.7.3.1 At least two component cooling water subsystems shall be demonstrated OPERABLE.

- a. Verify that each pump develops the required differential pressure and flow rate when tested in accordance with the requirements of Section 4.0.5.
- b. At least once per 31 days by verifying that each valve (manual, power-operated, or automatic) servicing safety-related equipment not locked, sealed, or otherwise secured in position is in its correct position.
- c. At least once per 18 months during shutdown, by cycling each power operated valve servicing safety related equipment that is not testable during plant operation, through at least one complete cycle of full travel.

PLANT SYSTEMS

3/4.7.4 REACTOR PLANT RIVER WATER SYSTEM (RPRWS)

LIMITING CONDITION FOR OPERATION

3.7.4.1 At least two reactor plant river water subsystems supplying safety related equipment shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION:

With less than two RPRWS subsystems OPERABLE, restore at least two subsystems to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.7.4.1 At least two RPRW subsystems shall be demonstrated OPERABLE.

- a. Verify that each pump develops the required differential pressure and flow rate when tested in accordance with the requirements of Section 4.0.5.
- b. At least once per 31 days by verifying that each valve (manual, power-operated, or automatic) servicing safety-related equipment not locked, sealed, or otherwise secured in position is in its correct position; and
- c. At least once per 18 months during shutdown, by cycling each power operated valve servicing safety related equipment that is not testable during plant operation, through at least one complete cycle of full travel.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 117 TO FACILITY OPERATING LICENSE NO. DPR-66

DUQUESNE LIGHT COMPANY
OHIO EDISON COMPANY
PENNSYLVANIA POWER COMPANY

BEAVER VALLEY POWER STATION, UNIT NO. 1

DOCKET NO. 50-334

1.0 INTRODUCTION

By letter dated July 28, 1986, Duquesne Light Company requested that a number of pump and valve surveillance requirements be revised to comply with wording in the Standard Technical Specifications (STS), which reflect the requirement of 10 CFR 50.55a(g), which in turn references the ASME Boiler and Pressure Vessel Code. We have reviewed the submittal and documented the review results as follows.

2.0 DISCUSSION AND EVALUATION

The licensee proposed to revise the following sections in the Beaver Valley Unit 1 Technical Specifications, adopting similar requirements from the STS:

BV-1 Section

4.1.2.3.1
4.1.2.4.1
4.1.2.5
4.1.2.6
4.5.2.b.1
4.5.2.b.2
4.5.2.b.3
4.5.2.b.4
4.5.2.c
4.5.2.d
4.5.2.e
4.6.2.1.a.1, 2, 3, 4
4.6.2.1.a.5,6
4.6.2.1.b, c
4.6.2.2.a
4.6.2.2.b

STS Section

4.1.2.3.1
4.1.2.4.1
(No applicable STS Section)
(No applicable STS Section)
4.5.2.f
4.5.2.f
4.5.2.f
Renumbered to become 4.5.2.c.1
Renumbered to become 4.5.2.c.2
Renumbered to become 4.5.2.d
Renumbered to become 4.5.2.e
Renumbered to become 4.5.2.f
4.6.2.1.a
4.6.2.1.b
Renumbered to become 4.6.2.1.c and d)
4.6.2.2.a
4.6.2.2.b

4.6.2.2.b	(Renumbered to 4.6.2.2.c)
4.6.2.2.c	(Renumbered to 4.6.2.2.d)
	4.6.2.2.b
4.6.2.2.d, e	(Renumbered to 4.6.2.2.e&f)
4.6.2.3.b	(Revision to reference Specification 4.0.5)
	(Revision to reference Specification 4.0.5)
4.7.1.2.a.1, 2	(Renumbered to 4.7.1.2.b, 1, 2, 3, 4)
4.7.1.2.a.5, 6, 7, 8	(Renumbered to 4.7.1.2.c)
4.7.1.2.a.9	(Renumbered to 4.7.1.2.d)
4.7.1.2.b	(Renumbered to 4.7.3.1.a)
4.7.3.1.a.1	4.7.3.a (then renumbered to 4.7.3.1.b)
4.7.3.1.a.2, 3	(Renumbered to 4.7.3.1.c)
4.7.3.1.b	(Renumbered to 4.7.4.1.a)
4.7.4.1.a.1	4.7.4.a (then renumbered to 4.7.4.1.b)
4.7.4.1.a.2, 3	(Renumbered to 4.7.4.1.c)
4.7.4.1.b	

The IST program must be updated, in accordance with 10 CFR 50.55a(g)4(i), every 120 months, to the latest edition and addenda of the Code (ASME Section XI) referenced in paragraph (b) of that section, 12 months prior to the start of the interval. Paragraph (b) references the 1983 edition through the summer 1983 addenda. The 1983 ASME Section XI code edition allows quarterly pump testing, however, the current surveillance requirements require pump testing on a monthly basis. The licensee proposed the revised surveillance requirements in accordance with 10 CFR 50.55a(g)5(ii) which states, "If a revised inservice inspection program for a facility conflicts with the technical specification for the facility, the licensee shall apply to the Commission for amendment of the technical specifications to conform the technical specification to the revised program." The proposed changes incorporate applicable portions of the STS surveillance requirements, reference testing in accordance with specification 4.0.5, and conform with similar requirements in Unit 2 specifications.

In many cases, the STS surveillance requirements may not apply and have been revised to more closely reflect the plant-specific design and operating requirements. The STS differ from current surveillance requirements as follows:

- A. The STS do not include a requirement to cycle power-operated or automatic valves through one complete cycle of full travel, this is required by many of the current pump surveillance requirements. However, this requirement need not be included in technical specifications since all safety-related valves are stroked as part of the IST program.:

- B. The STS do not require verification of pump operation for 15 minutes; this is required by many of the current pump surveillance requirements. The pump surveillance requirements are being revised to test in accordance with ASME Section XI, which requires a 5-minute pump run time. Therefore, this requirement need not be included in the surveillance requirements.
- C. The STS require verification of pump differential pressure while current surveillance requirements specify discharge pressure verification. Plant current surveillance requirements and procedures verify pump discharge pressure, and differential pressure is verified in accordance with specification 4.0.5. The proposed revision retains use of discharge pressure.

The resulting surveillance requirements comply with the requirements of 10 CFR 50.55a(g)4(i) and are consistent with the 1983 edition of ASME Section XI. Therefore, the proposed changes are considered to be administrative in nature, do not require physical change to any plant safety-related systems or components, and will not affect the function or operation of safety-related equipment. We find the licensee's proposed changes acceptable.

3.0 ENVIRONMENTAL CONSIDERATION

This amendment changes surveillance requirements. The staff has 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. 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.

4.0 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: October 27, 1987

Principal Contributor: Peter S. Tam, Project Manager