



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DOCKET NO. 50-397

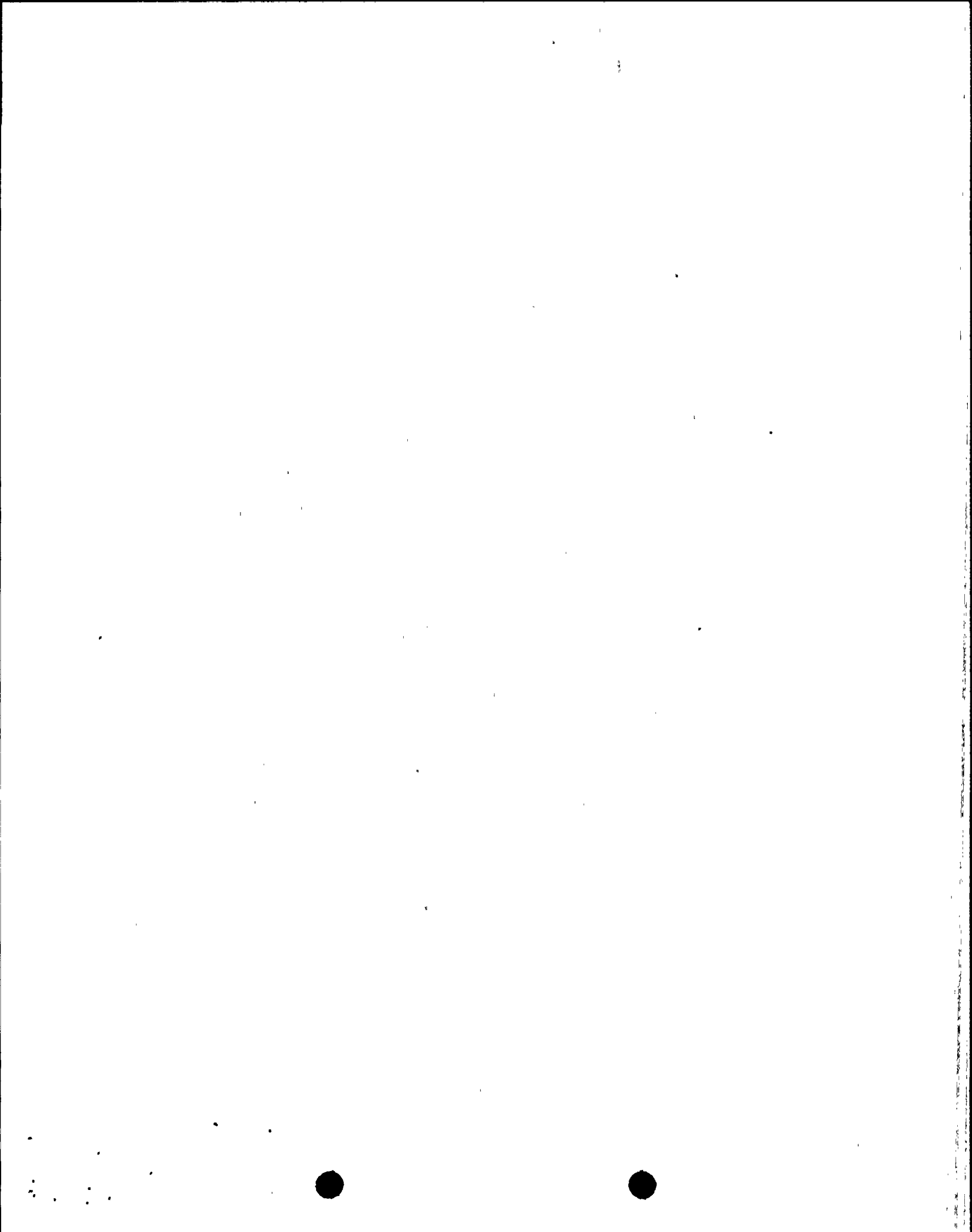
NUCLEAR PROJECT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 141
License No. NPF-21

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Washington Public Power Supply System (licensee) dated January 14, 1992, as supplemented by letters dated February 10, 1995, and August 16, 1995, 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 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. NPF-21 is hereby amended to read as follows:

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(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 141 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.

3. This amendment is effective as of its date of issuance and shall be implemented within 30 days of issuance.

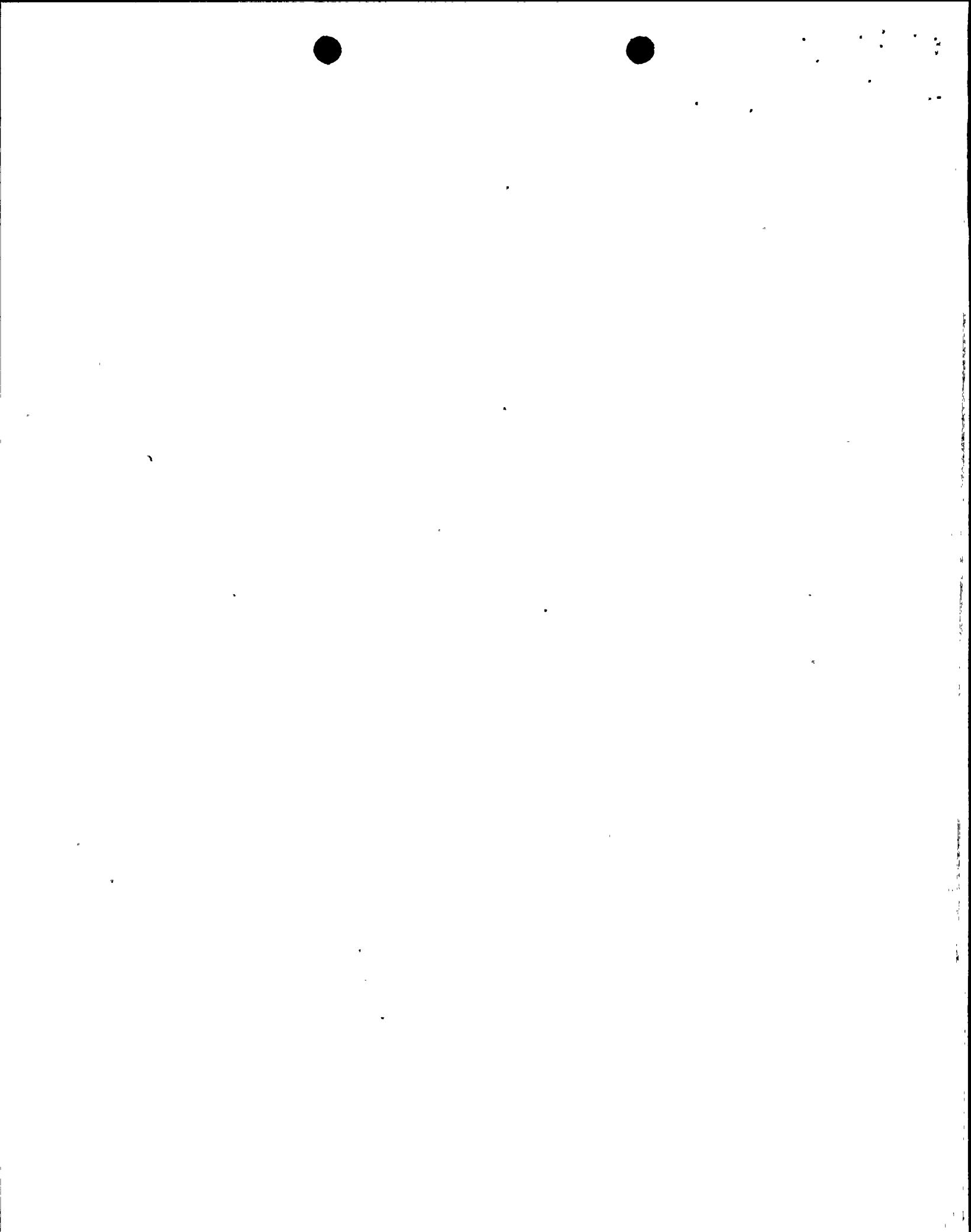
FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment: Changes to the Technical
Specifications

Date of Issuance: September 18, 1995



ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 141 TO FACILITY OPERATING LICENSE NO. NPF-21

DOCKET NO. 50-397

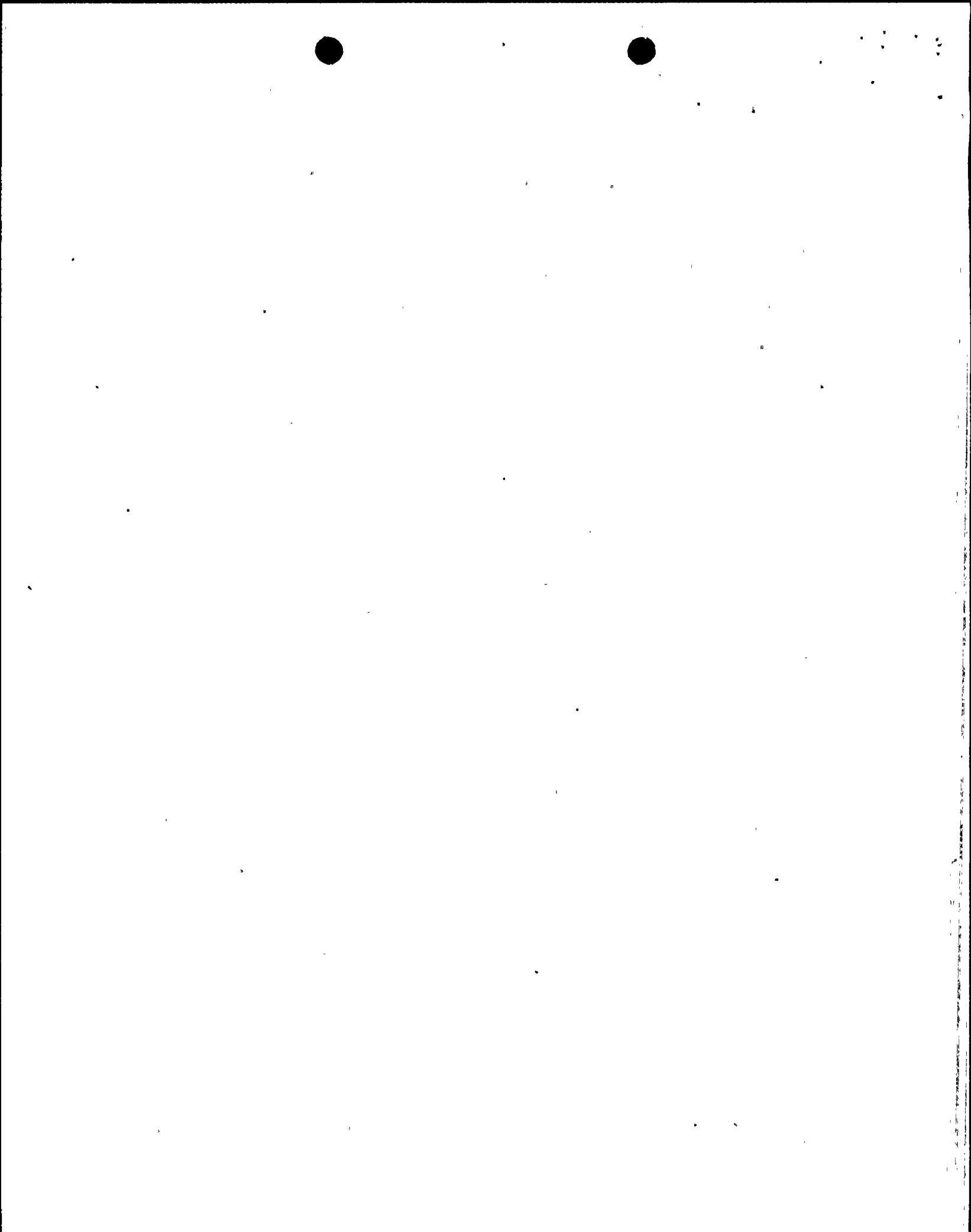
Replace the following pages of the Appendix A Technical Specifications and the bases section with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the areas of change. The corresponding overleaf pages are also provided to maintain document completeness.

REMOVE

3/4 4-4
3/4 8-16

INSERT

3/4 4-4
3/4 8-16



REACTOR COOLANT SYSTEM

JET PUMPS

LIMITING CONDITION FOR OPERATION

3.4.1.2 All jet pumps shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1 and 2.

ACTION:

With one or more jet pumps inoperable, be in at least HOT SHUTDOWN within 12 hours.

SURVEILLANCE REQUIREMENTS

NOTES

The provisions of Specification 4.0.4 are not applicable provided the surveillance is:

1. Performed within 4 hours after the associated recirculation loop is in operation.
2. Performed within 24 hours after exceeding 25% of RATED THERMAL POWER.

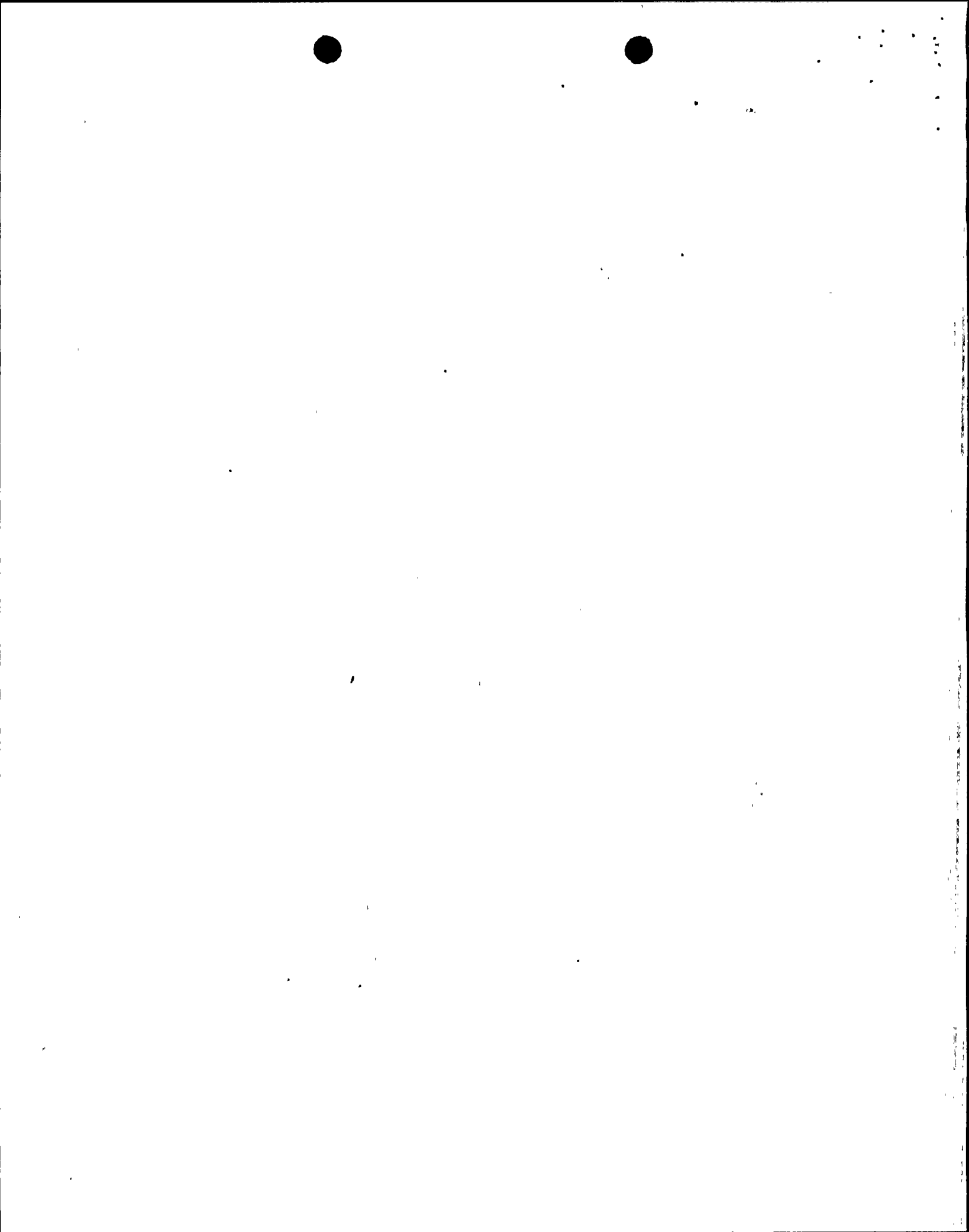
These notes are applicable to both surveillance 4.4.1.2.1 and 4.4.1.2.2.

4.4.1.2.1 Each of the above required jet pumps shall be demonstrated OPERABLE at least once per 24 hours by determining recirculation loop flow, total core flow and diffuser-to-lower plenum differential pressure for each jet pump and verifying that no two of the following conditions occur when both recirculation loops are operating.

- a. The indicated recirculation loop flow differs by more than 10% from the established flow control valve position-loop flow characteristics for two recirculation loop operation.
- b. The indicated total core flow differs by more than 10% from the established total core flow value derived from two recirculation loop flow measurements.
- c. The indicated diffuser-to-lower plenum differential pressure of any individual jet pump differs from established two recirculation loop operation patterns by more than 20%.

4.4.1.2.2 During single recirculation loop operation, each of the above required jet pumps shall be demonstrated OPERABLE at least once per 24 hours by verifying that no two of the following conditions occur:

- a. The indicated recirculation loop flow in the operating loop differs by more than 10% from the established single recirculation flow control valve position-loop flow characteristics:
- b. The indicated total core flow differs by more than 10% from the established total core flow value derived from single recirculation loop flow measurements.
- c. The indicated diffuser-to-lower plenum differential pressure of any individual jet pump differs from established single recirculation loop patterns by more than 20%.



ELECTRICAL POWER SYSTEMS

D.C. SOURCES - SHUTDOWN

LIMITING CONDITION FOR OPERATION

3.8.2.2 As a minimum, Division 1 or Division 2, and, when the HPCS system is required to be OPERABLE, Division 3, of the D.C. electrical power sources shall be OPERABLE with:

- a. Division 1, consisting of:
 1. 125 volt battery B1-1.
 2. 250 volt battery B2-1.
 3. ± 24 volt batteries B0-1A and B0-1B.
 4. 125 volt full capacity charger C1-1.
 5. 250 volt full capacity charger C2-1.
 6. ± 24 volt full capacity chargers C0-1A and C0-1B.
- b. Division 2, consisting of:
 1. 125 volt battery B1-2.
 2. ± 24 volt batteries B0-2A and B0-2B.
 3. 125 volt full capacity charger C1-2.
 4. ± 24 volt full capacity chargers C0-2A and C0-2B.
- c. Division 3, consisting of:
 1. 125 volt battery B1-HPCS.
 2. 125 volt full capacity charger C1-HPCS.

APPLICABILITY: OPERATIONAL CONDITIONS 4, 5 and *.

ACTION:

- a. With less than the Division 1 and/or Division 2 battery and/or charger of the above required D.C. electrical power sources OPERABLE, suspend CORE ALTERATIONS, handling of irradiated fuel in the secondary containment and operations with a potential for draining the reactor vessel.
- b. With Division 3 battery and/or charger of the above required D.C. electrical power sources inoperable, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3.
- c. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

4.8.2.2 At least the above required battery and charger shall be demonstrated OPERABLE per Surveillance Requirement 4.8.2.1.

*When handling irradiated fuel in the secondary containment.

ELECTRICAL POWER SYSTEMS

3/4.8.3 ONSITE POWER DISTRIBUTION SYSTEMS

DISTRIBUTION - OPERATING

LIMITING CONDITION FOR OPERATION

3.8.3.1 The following power distribution system divisions shall be energized with tie breakers open between redundant buses within the unit:

a. A.C. Power Distribution

1. Division 1, consisting of:
 - a) 4160-volt bus SM-7.
 - b) 480-volt bus SL-71 and SL-73.
 - c) 480-volt MCC's 7A, 7A-A, 7B, 7B-A, 7B-B, 7F.
 - d) 480-volt Power Panel PP-7A-B.
 - e) 120/208-volt 3Ø Power Panels PP-7A-G, PP-7A-A-A.
 - f) 120/240-volt 1Ø Power Panels PP-7A-A, PP-7A-F, PP-7A-E, and PP-7A.
2. Division 2, consisting of:
 - a) 4160-volt bus SM-8.
 - b) 480-volt bus SL-81 and SL-83.
 - c) 480-volt MCC's 8A, 8A-A, 8B, 8B-A, 8B-B, 8F.
 - d) 480-volt Power Panel PP-8A-B.
 - e) 120/208-volt 3Ø Power Panels PP-8A-G, PP-8A-A-A.
 - f) 120/240-volt 1Ø Power Panels PP-8A-A, PP-8A-F, PP-8A-E, and PP-8A.
3. Division 3, consisting of:
 - a) 4160-volt bus SM-4.
 - b) 480-volt 3Ø Engine & Gen. Aux. loads Power Panel.
 - c) 120/240-volt 1Ø Power Panel PP-4A.
 - d) 480-volt MCC 4A.

b. D.C. Power Distribution

1. Division 1, consisting of:
 - a) 125-volt D.C. Main Distribution Panel S1-1.
 - b) 125-volt VDC Motor Control Center MC-S1-1D.
 - c) 125-VDC Instr. and Control NSSS Bd. Distr. Panel DP-S1-1A.
 - d) 125-VDC Remote Shutdn. Distr. Pnl. DP-S1-1D.
 - e) 125-VDC Diesel Gen. 1 Dist. Pnl. DP-S1-1E.
 - f) 250-VDC Main Distribution Panel S2-1.
 - g) 250-VDC Motor Control Center MC-S2-1A, Part A and Part B.
 - h) ±24-VDC Power Panel DP-S0-A.
 - i) 125-VDC Critical Swgr. Dist. Pnl. DP-S1-1F
2. Division 2, consisting of:
 - a) 125-volt D.C. Main Distribution Panel S1-2.
 - b) 125-volt VDC Motor Control Center MC-S1-2D.
 - c) 125-VDC Instr. and Control NSSS Distr. Panel DP-S1-2A.
 - d) 125-VDC Critical Swgs. & Remote Shutdn. Distr. Pnl. DP-S1-2D.
 - e) 125-VDC Diesel Gen. 2 Dist. Pnl. DP-S1-2E.
 - f) ±24-VDC Power Panel DP-S0-B.
3. Division 3, consisting of 125-volt D.C. HPCS distribution panel.