

ATTACHMENT 4

NRC DOCKET 50-321  
OPERATING LICENSE DPR-57  
EDWIN I. HATCH NUCLEAR PLANT UNIT 1  
REQUEST TO REVISE TECHNICAL SPECIFICATIONS:  
ADD SPECIFICATION AND TABLE ADDRESSING COMPONENT  
CYCLIC AND TRANSIENT LIMITS

The proposed change to Technical Specifications (Appendix A to Operating License DPR-57) would be incorporated as follows:

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5.0-2	5.0-2
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6-20	6-20

3. Fuel Storage

Fuel in the Spent Fuel Pool shall have a maximum fuel loading of 15.2 grams of Uranium-235 per axial centimeter.

5.0.F. Seismic Design

The reactor building and all engineered safeguard systems are designed for the design basis earthquake with a horizontal ground acceleration of 0.15 g. The operating basis earthquake has a horizontal ground acceleration of 0.08 g.

G. Component Cyclic or Transient Limit

The Reactor Pressure Vessel is designed for and shall be maintained within the cyclic or transient limits of Table 5.0.G-1.

H. References

1. FSAR Section 4.2, Reactor Vessel and Appurtenances Mechanical Design
2. FSAR Section 5.2, Primary Containment System
3. FSAR Section 5.3, Secondary Containment System
4. FSAR Section 12.4.4, Governing Codes and Regulations
5. FSAR Section 10.3, Spent Fuel Storage
6. FSAR Section 10.2, New Fuel Storage

TABLE 5.0.G-1

COMPONENT CYCLIC OR TRANSIENT LIMITS

<u>COMPONENT</u>	<u>CYCLIC OR TRANSIENT LIMIT</u>	<u>DESIGN CYCLE OR TRANSIENT</u>
A. Reactor Pressure Vessel (Normal, Upset and Testing Conditions)	120 heatup and cooldown 10,000 2,000 80 195 2	Cold Shutdown to 100% Rated Power Reduction to 75% Rated Power Reduction to 50% Rated Power Loss of feedwater heater Scram from 100% Rated Power Improper start of cold recirculation loop

RECORD RETENTION (Continued)

- c. Records of radiation exposure for all individuals entering radiation control areas.
- d. Records of gaseous and liquid radioactive material released to the environs.
- e. Records of transient or operational cycles for those unit components identified in Table 5.0.G-1.
- f. Records of reactor tests and experiments.
- g. Records of training and qualification for current members of the unit staff.
- h. Records of in-service inspections performed pursuant to these Technical Specifications.
- i. Records of Quality Assurance activities required by the QA Manual.
- j. Records of reviews performed for changes made to procedures or equipment or reviews of tests and experiments pursuant to 10 CFR 50.59.
- k. Records of meetings of the PRB and the SRB.
- l. Records for Environmental Qualification which are covered under the provisions of paragraph 6.15.
- m. Records of analyses required by the Radiological Environmental Monitoring Program.

6.11 RADIATION PROTECTION PROGRAM

Procedures for personnel radiation protection shall be prepared consistent with the requirements of 10 CFR Part 20 and shall be approved, maintained and adhered to for all operations involving personnel radiation exposure.

6.12 HIGH RADIATION AREA

6.12.1 In lieu of the "control device" or "alarm signal" required by paragraph 20.203(c)(2) of 10 CFR 20, each high radiation area in which the intensity of radiation is greater than 100 mrem/hr but less than 1000 mrem/hr shall be barricaded and conspicuously posted as a high radiation area and entrance thereto shall be controlled by requiring issuance of a Radiation Work Permit\*. Any individual or group of individuals permitted

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\*Health Physics personnel, or personnel escorted by Health Physics personnel in accordance with approved emergency procedures, shall be exempt from the RWP issuance requirement during the performance of other assigned radiation protection duties, provided they comply with approved radiation protection procedures for entry into high radiation areas.