

ATTACHMENT 1

NRC DOCKET 50-321
OPERATING LICENSE DPR-57
EDWIN I. HATCH NUCLEAR PLANT UNIT 1
SECONDARY CONTAINMENT TECHNICAL
SPECIFICATION CHANGE PROPOSAL

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

Remove Page

3.7-10a
3.7-11
3.7-13

Insert Page

3.7-10a
3.7-11
3.7-13

8. Shutdown Requirements

If Specification 3.7.A cannot be met, an orderly shutdown shall be initiated and the reactor shall be brought to Hot Shutdown within 12 hours and shall be in the Cold Shutdown condition within the following 24 hours.

B. Standby Gas Treatment System

1. Operability Requirements

A minimum of three (2 of 2 in Unit 1 and 1 of 2 in Unit 2) of the four independent standby gas treatment system trains shall be operable at all times when Unit 1 secondary containment integrity is required.

With one of the Unit 1 standby gas treatment systems inoperable, for any reason, Unit 1 reactor operation and fuel handling and/or handling of casks in the vicinity of the spent fuel pools is permissible for a period of seven (7) days provided that all active components in the remaining operable standby gas treatment systems in each unit (minimum of 1 in Unit 1 and 1 in Unit 2) shall be demonstrated to be operable within 4 hours, and daily thereafter.

B. Standby Gas Treatment System

1. Surveillance When System Operable

At least once per operating cycle, not to exceed 18 months, the following conditions shall be demonstrated:

- a. Pressure drop across the combined HEPA filters and charcoal absorber banks is less than 6 inches of water at the system design flow rate (+10%, -0%).
- b. Operability of inlet heater at rated power when tested in accordance with ANSI N510-1975.
- c. Air distribution is uniform within 20% across the filter train when tested in accordance with N510-1975.

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

B. Standby Gas Treatment System1. Operability Requirements (Cont'd)

If the inoperable Unit 1 standby gas treatment system is not made fully operable within the seven (7) day period, the Unit 1 reactor shall be shutdown and placed in the cold shutdown condition within the next 36 hours and Unit 1 or Unit 2 fuel handling operations shall be terminated within 4 hours.

Unit 1 reactor operation and Unit 1 or Unit 2 fuel handling shall not be allowed if both of the Unit 1 standby gas treatment systems are inoperable or if both of the Unit 2 standby gas treatment systems are inoperable.

3.7.B.2 Performance Requirements

- a. The results of the in-place DOP and halogenated hydrocarbon tests at design flows on HEPA filters and charcoal absorber banks shall show 99% DOP removal and 99% halogenated hydrocarbon removal when tested in accordance with ANSI N510-1975.
- b. The results of laboratory carbon sample analysis shall show 90% of radioactive methyl iodine removal when tested in accordance with RDT-M16-1T (80°C, 95% R.H.).
- c. Fans shall be shown to operate within +10% -0% design flow when tested in accordance with ANSI N510-1975.

B. Standby Gas Treatment System1. Surveillance When System Operable (Cont'd)

- d. Automatic initiation of each train of the Unit 1 and Unit 2 standby gas treatment systems.
- e. Manual operability of the bypass valve for filter cooling.

2. Filter Testing

- a. The tests and analysis shall be performed at least once per operating cycle, not to exceed 18 months, or after every 720 hours of system operation, or following painting, fire or chemical release in any ventilation zone communicating with the system.
- b. DOP testing shall be performed after each complete or partial replacement of the HEPA filter bank or after any structural maintenance on the system housing
- c. Halogenated hydrocarbon testing shall be performed after each complete or partial replacement of the charcoal absorber bank or after any structural maintenance on the system housing.
- d. Each circuit shall be operated with the heaters on at least 10 hours every month.

4.7.C.1. Surveillance While Integrity Maintained (Cont'd)

- b. Secondary containment capability to maintain a minimum 1/4-inch of water vacuum under calm wind (5 mph) conditions with each filter train flow rate not more than 4000 cfm shall be demonstrated at each refueling outage, prior to refueling.

3.7.C.2 Violation of Secondary Containment Integrity

- a. Without Hatch-Unit 1 secondary containment integrity, restore Hatch - Unit 1 secondary containment integrity within 4 hours, or perform the following (as applicable):
 - (1) Suspend irradiated fuel and/or fuel cask handling in the Hatch-Unit 1 secondary containment.
 - (2) Be in at least Hot Shutdown within the next 12 hours and meet the Conditions of 3.7.C.1.a within the next 24 hours.
- b. Without Hatch-Unit 1 secondary containment, refer to the following Hatch-Unit 2 Technical Specification, for LCO's to be followed for Hatch-Unit 2:
 - (1) Section 3.6.5.1.
 - (2) Section 3.9.5.1.

2. Surveillance After Integrity Violated

After a secondary containment violation is determined the standby gas treatment system will be operated immediately after the affected zones are isolated from the remainder of the secondary containment. The ability to maintain the remainder of the secondary containment at 1/4-inch of water vacuum pressure under calm (5 mph) wind conditions shall be confirmed.

D. Primary Containment Isolation Valves

1. Valves Required to be Operable

During reactor power operation, all primary containment isolation valves listed in Table 3.7-1 and all reactor coolant system instrument line excess flow check valves shall be operable except as stated in Specification 3.7.D.2.

D. Primary Containment Isolation Valves

1. Surveillance of Operable Valves

Surveillance of the primary containment isolation valves shall be performed as follows:

- a. At least once per operating cycle the operable isolation valves that are power operated and automatically initiated shall be tested for simulated automatic initiation and the closure times specified in Table 3.7-1.

ATTACHMENT 2

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SECONDARY CONTAINMENT TECHNICAL
SPECIFICATION CHANGE PROPOSAL

Pursuant to 10 CFR 170.22, Georgia Power Company has evaluated the attached proposed amendment to Operating License DPR-57 and has determined that:

- a. The proposed amendment does not require evaluation of a new Safety Analysis Report and rewrite of the facility license;
- b. The proposed amendment does not require evaluation of several complex issues, involve ACRS review, or require an environmental impact statement;
- c. The proposed amendment does not involve a complex issue or more than one environmental or safety issue;
- d. The proposed amendment does involve a single safety issue, namely, the addition of a Limiting Condition for Operation without secondary containment integrity.
- e. The proposed amendment is therefore a Class III amendment.