

Docket No.: 50-321
50-366

Mr. James P. O'Reilly
Senior Vice President, Nuclear Operations
Georgia Power Company
P.O. Box 4545
Atlanta, Georgia 30302

Dear Mr. O'Reilly:

SUBJECT: Request for Additional Information, 10 CFR 50.62
(ATWS Rule), Hatch Units 1 and 2

Georgia Power Company provided information by letter dated March 4, 1987 concerning implementation of the ATWS rule requirements at the Edwin I. Hatch Nuclear Plant, Units 1 and 2. Staff review of this submittal has resulted in a number of questions as detailed in the enclosed Request for Additional Information (RAI). A copy of this RAI was transmitted by facsimile to your Mr. Heidt on January 14, 1988.

It is requested that you respond to this RAI within 30 days of receipt of this letter in order to allow the staff to complete its review. Please contact me if you have any questions regarding this request.

Sincerely,

Lawrence P. Crocker

Lawrence P. Crocker, Project Manager
Project Directorate II-3
Division of Reactor Projects, I/II

Enclosure: As Stated

cc: See next page

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Acting PD - J. Hopkins
02/5/88

REQUEST FOR ADDITIONAL INFORMATION ON ATWS REVIEW
RELATED TO ALTERNATE ROD INJECTION (ARI) AND
RECIRCULATION PUMP TRIP (RPT) SYSTEMS
EDWIN I. HATCH NUCLEAR PLANT UNITS 1&2
Docket Nos. 50-321 & 50-386

Provide the following design information as supporting documentation of your method of compliance with 10 CFR 50.62

- 420.1. It is the staff position that BWR/4 or Hatch designs must be upgraded by the addition of a second trip coil in each of the recirculation loops M-G field breakers. The logic to each MG set "A" and "B" generator field breaker is to be one-out-of-two (level) or one-out-of-two (pressure) Please provide the information required by sections 7.0 and 7.1 of the Safety Evaluation of Topical Report (NEDE-31096-P), to justify a design which is different from the reference designs.
- 420.2. Describe the devices which isolate the ARI from the ATTS (identified as trip relays in your submittal).
- 420.3. Please identify the physical location of the ARI and RPT logic and describe their independence from other plant logic systems.
- 420.4. Describe the system design which permits the test/calibration and maintenance of the system logic while the plant is in power operation.
- 420.5. Identify if bypass switching is utilized in the ARI and RPT systems and if employed describe its conformance with the criteria used in the RTS.