

PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION II MARCH 29, 1994

Licensee/Facility:

Notification:

Entergy Operations Inc.
Grand Gulf 1
Port Gibson, Mississippi

MR Number: 2-94-0024
Date: 03/29/94

Dockets: 50-416
BWR/GE-6

Subject: FOLLOWUP TO MANUAL REACTOR SCRAM ON MARCH 27, 1994

Reportable Event Number: 26996

Discussion:

Following the manual scram on March 27, 1994, due to slow control rod drive scram times, the licensee initiated an investigation to determine the cause. ASCO and GE representatives are also participating with the onsite evaluation and licensee representatives are at ASCO. Data taken during the scram using GETARS showed that 49 rods scrambled "slow" out of the approximately 176 rods monitored. Of the 193 total control rods at Grand Gulf five rods were "slow" enough to have met the Technical Specification (TS) requirements to be declared inoperable. The other 44 rods were operable but had to be compared to adjacent rods per the T.S. action statement.

Evidence at this time points to a common problem with the plant's ASCO solenoids on their control rod drive hydraulic control units. The solenoids were all replaced during the outage that ended in November 1993

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with new solenoids because of problems occurring in the industry. Several of the drives tested "slow" coming out of the outage, and were reworked. Testing after the outage in November 1993 demonstrated acceptable times for all rods before restart. This was the first subsequent test required by the T.S. (10 percent of the rods each 120 days).

The plant remains in hot shutdown, and replacement of the solenoid valves is underway. Sufficient parts have been located to replace all of the plant's 193 scram solenoid pilot valves. Restart is currently planned for March 30, 1994, subject to parts constraints.

Regional Action:

The Resident Inspectors responded to the site March 27, 1994, and are reviewing licensee actions and plans.

Contact: F. S. CANTRELL (404) 331-5534