

ENCLOSURE 1

NOTICE OF VIOLATION

System Energy Resources, Inc.
Grand Gulf

Docket No. 50-416
License No. NPF-29

During the Nuclear Regulatory Commission (NRC) inspection conducted on December 16, 1989 through January 19, 1990, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1989), the violation is listed below:

Technical Specifications 3.4.6.1.b, Pressure/Temperature Limits, requires that the reactor vessel metal temperature shall be limited with a maximum reactor coolant cooldown of 100°F in any one hour period. With any of the above limits exceeded, restore the temperature to within the limits within 30 minutes; perform an engineering evaluation to determine the effects of the out-of-limit conditions on the structural integrity of the reactor coolant system; determine that the reactor coolant system remains acceptable for continued operations or be in at least Hot Shutdown within 12 hours and in Cold Shutdown within the following 24 hours.

Contrary to the above, on December 30, 1989, following a manual reactor scram, the unit exceeded the maximum reactor coolant cooldown rate for the reactor vessel bottom head drain with a 125°F cooldown in a one hour period. The licensee failed to identify the excessive cooldown prior to plant restart on December 31, 1989 and when identified on January 12, 1990, the licensee failed to perform an engineering evaluation to determine that the reactor coolant system structural integrity remained acceptable for continued operations within the 12 hour shutdown requirement. The evaluation was not performed until January 15, 1990.

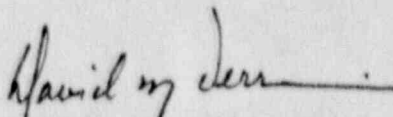
This is a Severity Level IV violation (Supplement I).

Pursuant to the provisions of 10 CFR 2.201, System Energy Resources, Inc. is hereby required to submit a written statement or explanation to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555, with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector, within 30 days of the date of the letter transmitting this Notice. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include [for each violation]: (1) admission or denial of

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the violation, (2) the reason for the violation if admitted, (3) the corrective steps which have been taken and the results achieved, (4) the corrective steps which will be taken to avoid further violations, and (5) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time. If an adequate reply is not received within the time specified in this Notice, an order may be issued to show cause why the license should not be modified, suspended, or revoked or why such other action as may be proper should not be taken.

FOR THE NUCLEAR REGULATORY COMMISSION



David M. Verrelli, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Dated at Atlanta, Georgia
this 31st day of January 1990