

NOTICE OF VIOLATION

Duke Energy Corporation  
McGuire Units 1 and 2

Docket Nos. 50-369, 50-370  
License Nos. NPF-9, NPF-17

During an NRC inspection conducted between January 25 and March 7, 1998, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions." (NUREG-1600) the violation is listed below:

McGuire Nuclear Station Technical Specification 6.8.1, Procedures and Programs, requires that written procedures be established, implemented, and maintained to cover safety-related activities referenced in Appendix A of Regulatory Guide 1.33, Revision 2, February 1978, which includes licensee procedures that control maintenance activities that can affect the performance of safety-related equipment. Inherent in these requirements is that the procedures be adequate.

McGuire Nuclear Station maintenance procedure MP/0/A/7600/79, Feedwater Isolation Valve Hydraulic Pneumatic Corrective Maintenance, Revision 12, provided instructions for the repair of the hydraulic actuator system for containment isolation valve 1CF35.

McGuire Nuclear Station maintenance procedure MP/0/A/7600/042, Fisher T-Ring 9200 Series Butterfly Valve Corrective Maintenance, Revision 7, required that each of 24 adjusting set screws be tightened 1/4 turn, one at a time, until the seat ring contacts the seat in all areas.

Contrary to the above, the licensee failed to adequately establish or adhere to procedural guidance for the repair of two safety-related containment isolation valves as evidenced by the following examples:

1. Maintenance procedure MP/0/A/7600/79 was not adequate to ensure removal of entrained air in the hydraulic actuator system of containment isolation valve 1CF35 on February 14, 1998. The entrained air degraded the operation of the containment isolation valve hydraulic actuator.
2. Maintenance technicians failed to follow MP/0/A/7600/042 during the installation of lower containment purge inlet isolation valve 1VP8 valve seal ring adjustment screws. The failure to install all of the screws as required led to unexpected degradation of the containment isolation valve.

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

Pursuant to the provisions of 10 CFR 2.201, Duke Energy Corporation is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATT.: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region II, and a copy to the NRC Resident Inspector at the McGuire facility within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved.

Your response may reference or include previous docketed correspondence if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an Order or Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.790(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

Dated at Atlanta, Georgia  
this 6th day of April 1998