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ENCLOSURE 1

NOTICE OF VIOLATION

Entergy Operations, Inc.  
Waterford Steam Electric Station, Unit 3

Docket No.: 50-382  
License No.: NPF-38

During an NRC inspection conducted on September 14-18, 1998, one 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:

License Condition 2.E of the Waterford Steam Electric Station, Unit 3, Operating License NPF-38 dated December 19, 1995, requires that the licensee fully implement and maintain in effect the Commission approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p).

Paragraph 6.1.1 of the physical security plan, Revision 18, states, "Each zone of E-Field equipment is designed to detect an individual weighing 35 kilograms whether crawling or rolling under the lower sensing wire, stepping or jumping between the field and sensing wires, or jumping over the top sensing wire." Further, it states, "Each zone of microwave is designed to detect an individual weighing 35 kilograms crawling, walking, running, jumping or rolling between the transmitter and receiver at a rate between .15 and 5 meters per second."

Contrary to the above, performance tests of the protected area detection system identified that two detection zones did not meet design criteria to detect test individuals. A microwave zone was defeated during two out of three jump tests. An E-field zone was defeated by three separate step through tests.

This is a Severity Level IV violation (Supplement III) (382/9816-02).

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved is already adequately addressed on the docket in the attached report. However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

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If you contest this enforcement action, you should also provide a copy of your response to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

Because your response, if you choose to provide one, 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 Arlington, Texas,  
this 27th day of October 1998.

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