

APR 11 1991

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

Entergy Operations, Inc.
ATTN: R. P. Barkhurst, Vice President
Operations, Waterford
P.O. Box B
Killona, Louisiana 70066

Gentlemen:

SUBJECT: NRC INSPECTION REPORT NO. 50-382/91-09

This refers to the inspection conducted by Messrs. W. F. Smith and S. D. Butler of this office during the period February 20 through March 25, 1991, of activities authorized by NRC Operating License NPF-38 for Waterford Steam Electric Station, Unit 3, and to the discussion of our findings with Mr. J. R. McGaha and other members of your staff at the conclusion of the inspection.

Areas examined during the inspection included plant status, onsite followup of events, monthly maintenance observation, bimonthly surveillance observation, operational safety verification, complex surveillance observation, and engineered safety feature system walkdown. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspectors. The inspection findings are documented in the enclosed inspection report.

We noted weaknesses in coordination and communication with the control room operators, which contributed to a radioactive gas release to the environment on March 22, 1991. Although no Technical Specification (TS) limits were exceeded, reaching the alarm point on the plant stack radiation monitor and entry into your emergency plan resulted from this event.

An apparent violation of TS 3.7.1.1 was identified by your staff associated with the discovery that an incorrect valve seat diameter number was used which caused the calculated setpoints for 8 of the 12 main steam safety valves to exceed the setpoint tolerance allowed by the TS. A TS Waiver of Compliance was requested by the licensee and granted by Region IV on March 14, 1991, to permit sufficient time to test and reset the valves prior to plant shutdown for the refueling scheduled for March 15. In that this violation met the criteria specified in Section V.G of the NRC's Enforcement Policy, a citation was not issued. The questioning attitude of the maintenance engineer that led to the discovery of the calculation error is noteworthy.

RIV:RI
SDButler
1/17/91

RIV:SRI
WFSmith
4/9/91

C:DRP/A
TFWesterman
4/9/91

D:DRP
SUCollins
4/10/91

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PDR ADOCK 05000382
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We have also examined actions you have taken with regard to previously identified inspection findings. The status of these items is identified in paragraph 7 of the enclosed report.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

Original Signed By:
Samuel J. Collins
Samuel J. Collins, Director
Division of Reactor Projects

Enclosure:
Appendix A - NRC Inspection Report
50-382/91-09

cc w/enclosure:
Entergy Operations, Inc.
ATTN: Donald C. Hintz, Executive Vice
President & Chief Operating Officer
P.O. Box 31995
Jackson, Mississippi 39286

Entergy Operations, Inc.
ATTN: Gerald W. Muench, Vice President
Operations Support
P.O. Box 31995
Jackson, Mississippi 39286

Wise, Carter, Child & Caraway
ATTN: Robert B. McGehee, Esq.
P.O. Box 651
Jackson, Mississippi 39205

Entergy Operations, Inc.
ATTN: J. R. McGaha, Jr., General
Manager Plant Operations
P.O. Box B
Killona, Louisiana 70066

Entergy Operations, Inc.
ATTN: J. G. Dewease, Senior Vice
President, Planning & Assurance
P.O. Box 31995
Jackson, Mississippi 39286-1995

Entergy Operations, Inc.

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Entergy Operations, Inc.
ATTN: L. W. Laughlin, Site
Licensing Support Supervisor
P.O. Box 8
Killona, Louisiana 70066

Shaw, Pittman, Potts & Trowbridge
ATTN: Mr. E. Blake
2300 N Street, NW
Washington, D.C. 20037

Chairman
Louisiana Public Service Commission
One American Place, Suite 1630
Baton Rouge, Louisiana 70825-1697

Entergy Operations, Inc.
ATTN: R. F. Burski, Director
Nuclear Safety
317 Baronne Street
New Orleans, Louisiana 70112

Department of Environmental Quality
ATTN: Glenn Miller, Administrator
Radiation Protection Division
P.O. Box 14690
Baton Rouge, Louisiana 70898

President, Parish Council
St. Charles Parish
Hahnville, Louisiana 70057

Mr. William A. Cross
Bethesda Licensing Office
3 Metro Center
Suite 610
Bethesda, Maryland 20814

bcc to DMB (IE01)

bcc distributed by RIV:
*R. D. Martin
*Section Chief (DRP/A)
*DRSS-RPEPS
*Project Engineer (DRP/A)
*RIV File
Lisa Shea, RM/ALF

*Resident Inspector
*DRP
*MIS System
*RSTS Operator
*DRS

*w/766