

In Reply Refer To:
Docket: 50-382/90-23

SEP 24 1990

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

Gentlemen:

This is to advise you of an electrical distribution system functional inspection (EDSFI) that has been scheduled at the Waterford Steam Electric Station, Unit 3, during the weeks of December 17-21, 1990, and January 7-8, 1991. This letter confirms the telephone discussion between Mr. T. O. McKernon of this office and Mr. L. Laughlin of your staff on September 13, 1990.

The team leader and principal contact for this inspection is Mr. T. O. McKernon. The inspection team will consist of approximately seven inspectors made up of NRC personnel and consultants. Mr. J. E. Gagliardo, the Region IV Program Manager for Mandatory Team Inspections, will also accompany the team for part of the inspection.

As part of the preparation for this inspection, the team desires to hold meetings with appropriate members of your staff at the Waterford 3 site on December 4-6, 1990. The purpose of these meetings will be to define the scope of the inspection, to discuss interfaces between the team and your staff, and to have the team members present receive the training to be badged for unescorted access. Additional information to support badging the team members for unescorted access will be provided to you in separate correspondence. It is requested that you provide those to be badged with any required site-specific training.

The inspection team is scheduled to arrive on site the morning of December 17, 1990, at approximately 8 a.m., and those team members not previously badged during the preparatory trip will require the appropriate site-specific training.

The inspection team would like to schedule an entrance meeting at approximately 9 a.m., on December 17, 1990. An exit meeting will be scheduled for the morning of the final day of the inspection. The team leader will conduct a daily debriefing with your staff regarding preliminary findings and concerns that may require prompt attention.

Attached to this letter is a list of material that the team will require to prepare for this inspection. If possible, this material should be made available to the team leader during the preparatory trip on December 4-6, 1990.

*RIV:OPS
TOMckernon/lb
/ /90

*C:OPS
JEGagliardo
/ /90

*D:DRS
LJCallan
/ /90

DRP
D:DRP *fr*
SJCollins
9/21/90

*Previously concurred

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PDR ADOCK 05000382
D PDC

TEO/
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Entergy Operations, Inc.

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Should you have any questions regarding this team inspection, please contact Mr. T. O. McKernon at (817) 860-8153 or Mr. J. E. Gagliardo (817) 860-8270.

Sincerely,

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Samuel J. Collins, Director
Division of Reactor Projects

cc w/Attachment:
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.
ATTN: L. W. Laughlin, Site
Licensing Support Supervisor
P.O. Box B
Killona, Louisiana 70066

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Monroe & Leman
ATTN: W. Malcolm Stevenson, Esq.
201 St. Charles Avenue, Suite 3300
New Orleans, Louisiana 70170-3300

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: William H. Spell, 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

U.S. Nuclear Regulatory Commission
ATTN: Resident Inspector
P.O. Box 822
Killona, Louisiana 70066

U.S. Nuclear Regulatory Commission
ATTN: Regional Administrator, Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Entergy Operations, Inc.

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bcc to DMB (IE01)

bcc distrib. by RIV:

R. D. Martin	Resident Inspector
Section Chief (DRP/A)	DRP
DRSS-FRPS	MIS System
Project Engineer (DRP/A)	RSTS Operator
RIV File	DRS
D. Wigginton, NRR Project Manager (MS:	13-D-18)
Lisa Shea, RM/ALF	
J. E. Gagliardo	T. O. McKernon
T. O. McKernon Reading File	

ATTACHMENT

As part of the upcoming electrical distribution system functional inspection, (EDSFI) please provide the following documents or information:

- o Organizational chart - design engineering, electrical system engineering, and plant management
- o Set points and time delays for protective relays for attributes such as under-voltage, under frequency, reverse power, differential current, thermal overload, and phase synchronization
- o Mechanical load checks such as pump horsepower and the correspondence to actual operating points during normal and accident conditions and translation of mechanical loads to electrical loads
- o Electrical load lists
- o Technical description of EDS supporting systems such as EDG air start, cooling water, fuel oil storage and transfer, and HVAC for electrical equipment rooms
- o Switch yard design, availability and description of bus transfers, and independence between onsite and offsite distribution system
- o Procedures controlling the root cause analysis process, associated corrective actions and 10 CFR 50.59 evaluations
- o Procedure controlling the design modification process/temperature modes
- o M&E control procedures
- o Engineering calculation performance and control program
- o Electrical load growth monitoring and control program
- o Setpoint calculation and control program
- o Licensee self-assessment programs, including past QA audits of the EDS
- o Control of vendor information program
- o "Q" list

The above list is not all inclusive. Additional information will be requested by the individual team members during the inspection.

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