



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

FEB - 1 2000

NOTICE OF LICENSEE MEETING

Name of Licensee: Entergy Operations, Inc.
Name of Facility: Waterford Steam Electric Station, Unit 3
Docket: 50-382
Date and Time of Meeting: February 22, 2000
8 a.m. - 5 p.m.
Location of Meeting: Region IV Training Conference Room
Arlington, TX
Purpose of Meeting: Technical Working-Level Meeting to Discuss the Application of Instrument Uncertainties with Respect to Demonstration of Ability to Meet the Design Basis as Identified In Unresolved Item 50-382/9906-04
NRC Attendees: D. Powers, Chief, Engineering and Maintenance Branch (EMB),
Division of Reactor Safety (DRS)
C. Paulk, Senior Reactor Inspector, EMB, DRS
R. Deese, Reactor Inspector, EMB, DRS
D. Prevatte, Contractor, Beckman Associates, Inc.
Licensee Attendees: J. Holman, Manager, Safety Engineering and Analysis
C. Perkins, Manager, Licensing
R. Putnam, System Engineer

NOTE:

- (1) This meeting is open to attendance by members of the general public.
- (2) NRC personnel, not listed above, that desire to attend this meeting should notify Dr. Dale A. Powers at 817-860-8195 by COB on February 11, 2000.

Approved By: *Dale A. Powers*
Dr. Dale A. Powers, Chief
Engineering and Maintenance Branch
Division of Reactor Safety

Attachment: Discussion Topics

Entergy Operations, Inc.
Meeting February 22, 2000

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cc:

Executive Vice President and
Chief Operating Officer
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

Vice President, Operations Support
Entergy Operations, Inc.
P.O. Box 31995
Jackson, Mississippi 39286-1995

Wise, Carter, Child & Caraway
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Jackson, Mississippi 39205

General Manager, Plant Operations
Waterford 3 SES
Entergy Operations, Inc.
P.O. Box B
Killona, Louisiana 70066

Manager - Licensing Manager
Waterford 3 SES
Entergy Operations, Inc.
P.O. Box B
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Chairman
Louisiana Public Service Commission
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Baton Rouge, Louisiana 70825-1697

Director, Nuclear Safety &
Regulatory Affairs
Waterford 3 SES
Entergy Operations, Inc.
P.O. Box B
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Ronald Wascom, Administrator
and State Liaison Officer
Louisiana Radiation Protection Division
P.O. Box 82135
Baton Rouge, Louisiana 70884-2135

Entergy Operations, Inc.
Meeting February 22, 2000

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Parish President
St. Charles Parish
P.O. Box 302
Hahnville, Louisiana 70057

Winston & Strawn
1400 L Street, N.W.
Washington, D.C. 20005-3502

Entergy Operations, Inc.
Meeting February 22, 2000

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bcc:

DMB (IE 45)
OEDO RIV Coordinator (16E15)
ORA File
RIV File

E-Mail To

| | |
|---------------|------------------------------|
| DAP, CJP, RWD | NRC Attendees |
| PMNS | Mtg Announcement Coordinator |
| BWS | ADPT |
| JRJ | ADIP |
| NXK | Project Manager, NRR |
| OEMAIL | D/OE |
| TRF | Waterford Resident Inspector |
| CAH | C. Hackney, RSLO |
| GFS | G. Sanborn, EO |
| BWH | B. Henderson, PAO |
| JAC1, CJG | RA Secretaries |
| LAO, DLF | DRP Division |
| CLG, LMB, NLH | DRS Division |
| CMS, JAK, NSL | DNMS Division |
| PDP | Dean Papa |
| LPL | P. Longdo |

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| RIV:SRI:EMB | C:EMB | E | C:PDD | PAO | RSLO | COY | C:EMB |
| CJPaulk/lmb* | DAPowers | | PHHarran | BWHenderson* | CHackney | | DAPowers |
| 01/21/00 | 01/21/00 | | 01/21/00 | 01/21/00 | 01/21/00 | | 02/1/00 |

*previously concurred

OFFICIAL RECORD COPY

ATTACHMENT

DISCUSSION TOPICS

1. DESIGN REQUIREMENTS

- a. The bases for the establishment of each analytical value used to demonstrate the ability of the high pressure safety injection, auxiliary component cooling water, component cooling water, chemical and volume control, essential chilled water, and emergency feedwater systems to perform their design bases functions.
- b. The methodology used to develop the analytical values.
- c. The assumptions used in determining the nominal trip setpoints or the analytical values required to meet the design bases and the steady state operating values.
- d. The methods used to demonstrate that the systems are able to meet their design bases requirements.
- e. The methods for demonstrating the operability of the systems (if different from meeting the design bases).
- f. Where uncertainties are specifically addressed.

2. WATERFORD ONGOING GRADED APPROACH TO THE ESTABLISHMENT OF DESIGN CRITERIA

- a. Overview of the approach.
- b. Progress of developing and implementing the graded approach.
- c. Any findings during the implementation of the graded approach.
- d. Proposed schedules for completion.
- e. The screening process used in this process.
- f. Breakdown of the screening results.
- g. Parameters that have been evaluated and resolved.

3. OTHER APPROACHES TO DEVELOPING SETPOINTS

- a. Entergy's Design Engineering Administrative Manual IC-G-001-02 (with references)
- b. ANSI/ISA-S67.02