



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

ENTERGY OPERATIONS, INC.

DOCKET NO. 50-382

WATERFORD STEAM ELECTRIC STATION, UNIT 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 114  
License No. NPF-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Entergy Operations, Inc. (the licensee) dated June 22, 1994, as supplemented by letters dated June 28, 1995, and August 22, 1995, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

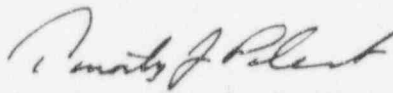
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-38 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 114, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance to be implemented within 60 days.

FOR THE NUCLEAR REGULATORY COMMISSION

*for*   
Chandu P. Patel, Project Manager  
Project Directorate IV-1  
Division of Reactor Projects III/IV  
Office of Nuclear Reactor Regulation

Attachment: Changes to the  
Technical Specifications

Date of Issuance: September 27, 1995

ATTACHMENT TO LICENSE AMENDMENT NO. 114

TO FACILITY OPERATING LICENSE NO. NPF-38

DOCKET NO. 50-382

Replace the following pages of the Appendix A Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the areas of change. The corresponding overleaf pages are also provided to maintain document completeness.

REMOVE PAGES

3/4 3-29

INSERT PAGES

3/4 3-29

TABLE 3.3-6

## RADIATION MONITORING INSTRUMENTATION

| <u>INSTRUMENT</u>  | <u>MINIMUM CHANNELS OPERABLE</u> | <u>APPLICABLE MODES</u> | <u>ALARM/TRIP SETPOINT</u>                              | <u>MEASUREMENT RANGE</u>                    | <u>ACTION</u> |
|--|----------------------------------|-------------------------|---|---|---------------|
| 1. AREA MONITORS   |                                  |                         |   |   |               |
| a. Fuel Storage Pool Area<br>Fuel Handling Building<br>Ventilation System<br>Isolation | 2                                | *                       | ≤ 100 mR/h  | 10 <sup>-1</sup> - 10 <sup>4</sup> mR/h     | 24            |
| b. Containment - Purge &<br>Exhaust Isolation  | 1/train                          | 1, 2, 3, 4 & **         | 40 mR/h or<br>≤ 2x background<br>whichever is<br>Higher | 20 - 5x10 <sup>5</sup> mR/h                 | 25            |
| 2. PROCESS MONITORS  |                                  |                         |   |   |               |
| a. Containment Atmosphere  |                                  |                         |   |   |               |
| 1) Gaseous Activity<br>RCS Leakage Detection   | 1                                | 1, 2, 3, & 4            | Not Applicable  | 10 <sup>-6</sup> - 10 <sup>-1</sup> μCi/cc  | 23            |
| 2) Particulate Activity<br>RCS Leakage Detection                                       | 1                                | 1, 2, 3, & 4            | Not Applicable  | 10 <sup>-11</sup> - 10 <sup>-6</sup> μCi/cc | 23            |
| b. Control Room Intake Monitors  | 1/intake                         | ALL MODES               | ≤ 4.09x10 <sup>-5</sup> μCi/cc                          | 10 <sup>-8</sup> - 10 <sup>-2</sup> μCi/cc  | 26            |
| c. Steam Generator Blowdown<br>Monitor   | 1                                | 1, 2, 3, & 4            | ≤ 10 <sup>-3</sup> μCi/cc                               | 10 <sup>-6</sup> - 10 <sup>-1</sup> μCi/cc  | 28            |
| d. Component Cooling Water<br>Monitors A&B   | 1/line                           | ALL MODES               | ≤ 10 <sup>-4</sup> μCi/cc                               | 10 <sup>-7</sup> - 10 <sup>-2</sup> μCi/cc  | 28            |
| e. Component Cooling Water<br>Monitor A/B  | 1                                | 1, 2, 3, & 4            | ≤ 10 <sup>-4</sup> μCi/cc                               | 10 <sup>-7</sup> - 10 <sup>-2</sup> μCi/cc  | 28            |

\*With irradiated fuel in the storage pool.

\*\*During CORE ALTERATIONS or movement of irradiated fuel within the containment.

TABLE 3.3-6 (Continued)

RADIATION MONITORING INSTRUMENTATION

| <u>INSTRUMENT</u>                            | <u>MINIMUM CHANNELS OPERABLE</u> | <u>APPLICABLE MODES</u> | <u>ALARM/TRIP SETPOINT</u> | <u>MEASUREMENT RANGE</u>                  | <u>ACTION</u> |
|--|----------------------------------|-------------------------|----------------------------|---|---------------|
| <b>3. EFFLUENT ACCIDENT MONITORS</b>         |                                  |                         |                            |   |               |
| a. Containment High Range                    | 2                                | 1, 2, 3, & 4            | Not Applicable             | 1 - 10 <sup>8</sup> R/h                   | 27            |
| b. Plant Stack High Range                    | 1                                | 1, 2, 3, & 4            | Not Applicable             | 10 <sup>-7</sup> - 10 <sup>5</sup> µCi/cc | 27            |
| c. Condenser Vacuum Pump High Range          | 1                                | 1, 2, 3, & 4            | Not Applicable             | 10 <sup>-7</sup> - 10 <sup>5</sup> µCi/cc | 27            |
| d. Fuel Handling Building Exhaust High Range | 1                                | 1*, 2*, 3*, & 4*        | Not Applicable             | 10 <sup>-7</sup> - 10 <sup>5</sup> µCi/cc | 27            |
| e. Main Steam Line High Range                | 1/steam line                     | 1, 2, 3, & 4            | Not Applicable             | 1 - 10 <sup>5</sup> mR/h                  | 27            |

\*With irradiated fuel in the storage pool.