

Mr. Ross P. Barkhurst
 Vice President Operations
 Entergy Operations, Inc.
 P. O. Box B
 Killona, LA 70066

SUBJECT: ENVIRONMENTAL ASSESSMENT OF EXEMPTION REQUEST FROM 10 CFR PART 50,
 APPENDIX J - WATERFORD STEAM ELECTRIC STATION UNIT NO. 3
 (TAC NO. M88327)

Dear Mr. Barkhurst:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for exemption dated November 16, 1993, as supplemented by letters dated August 19, 1994, March 30, and June 19, 1995. The proposed exemption would provide a one-time interval extension for the Type A test (containment integrated leak rate test) from the September 1995 refueling outage to the 1997 refueling outage.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

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

Docket No. 50-382

Enclosure: Environmental Assessment

cc w/encl: See next page

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

July 14, 1995

Mr. Ross P. Barkhurst
Vice President Operations
Entergy Operations, Inc.
P. O. Box B
Killona, LA 70066

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Chandu P. Patel

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Project Directorate IV-1
Division of Reactor Projects III/IV
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Mr. Ross P. Barkhurst
Entergy Operations, Inc.

Waterford 3

cc:

Mr. William H. Spell, Administrator
Louisiana Radiation Protection Division
Post Office Box 82135
Baton Rouge, LA 70884-2135

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

Mr. Jerrold G. Dewease
Vice President, Operations
Support
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286

Resident Inspector/Waterford NPS
Post Office Box 822
Killona, LA 70066

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

Mr. R. F. Burski, Director
Nuclear Safety
Entergy Operations, Inc.
P. O. Box B
Killona, LA 70066

Mr. Harry W. Keiser, Executive Vice-
President and Chief Operating Officer
Entergy Operations, Inc.
P. O. Box 31995
Jackson, MS 39286-1995

Mr. Robert B. McGehee
Wise, Carter, Child & Caraway
P.O. Box 651
Jackson, MS 39205

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

Mr. Dan R. Keuter
General Manager Plant Operations
Entergy Operations, Inc.
P. O. Box B
Killona, LA 70066

Donna Ascenzi
Radiation Program Manager, Region 6
Environmental Protection Agency
Air Enforcement Branch (6T-E)
1445 Ross Avenue
Dallas, Texas 75202-2733

Mr. Donald W. Vinci, Licensing Manager
Entergy Operations, Inc.
P. O. Box B
Killona, LA 70066

Winston & Strawn
Attn: N. S. Reynolds
1400 L Street, N.W.
Washington, DC 20005-3502

UNITED STATES NUCLEAR REGULATORY COMMISSIONENERGY OPERATIONS, INC.DOCKET NO. 50-382WATERFORD STEAM ELECTRIC STATION, UNIT NO. 3ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from Facility Operating License No. NPF-38, issued to Entergy Operations, Inc., (the licensee), for operation of the Waterford Steam Electric Station Unit, No. 3 (Waterford 3) located in St. Charles Parish, Louisiana.

ENVIRONMENTAL ASSESSMENTIdentification of the Proposed Action:

This Environmental Assessment has been prepared to address potential environmental issues related to the licensee's application of November 16, 1993, as supplemented on August 19, 1994, March 30, and June 19, 1995. The proposed action would exempt the licensee from the requirements of 10 CFR Part 50, Appendix J, Paragraph III.D.1.(a), to the extent that a one-time interval extension for the Type A test (containment integrated leak rate test) by approximately 18 months, from the September 1995 refueling outage to the refueling outage in 1997, would be granted.

The Need for the Proposed Action:

The proposed action is needed to permit the licensee to defer the Type A test from the September 1995 refueling outage, to the 1997 refueling outage, thereby saving the cost of performing the test and eliminating the test period from the critical path time of the outage.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed action and concludes that the proposed one-time exemption would not increase the probability or consequences of accidents previously analyzed and the proposed one-time exemption would not affect facility radiation levels or facility radiological effluents. The licensee has analyzed the results of previous Type A tests performed at Waterford 3 to show good containment performance and will continue to be required to conduct the Type B and C local leak rate tests which historically have been shown to be the principal means of detecting containment leakage paths with the Type A tests confirming the Type B and C test results. It is also noted that the licensee will perform the visual containment inspection although it is only required by Appendix J to be conducted in conjunction with Type A tests. The NRC staff considers that these inspections, though limited in scope, provide an important added level of confidence in the continued integrity of the containment boundary.

The change will not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential nonradiological impacts, the proposed action does involve features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has

no other environmental impact. Accordingly, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed action.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed action, any alternatives with equal or greater environmental impact need not be evaluated. As an alternative to the proposed action, the NRC staff considered denial of the proposed action. Denial of the application would result in no change in current environmental impacts. The environmental impact of the proposed action and the alternative action are similar.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the Waterford Steam Electric Station, Unit No. 3.

Agencies and Persons Consulted:

In accordance with its stated policy, on June 30, 1995, the NRC staff consulted with the Louisiana State official, Prosanta Chowdhun of the LA Radiation Protection Division, regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

Based upon the environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated November 16, 1993, as supplemented by letters dated August 19, 1994, March 30, and June 19, 1995, which are available for public inspection at the Commission's Public Document Room, The Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the University of New Orleans Library, Louisiana Collection, Lakefront, New Orleans, LA 70122.

Dated at Rockville, Maryland, this 14th day of July 1995.

FOR THE NUCLEAR REGULATORY COMMISSION

Chandu P. Patel

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