

February 8, 1991

Docket No. 50-382

Mr. Ross P. Barkhurst
Vice President Operations
Entergy Operations, Inc.
Post Office Box B
Killona, Louisiana 70066

Dear Mr. Barkhurst:

SUBJECT: REVISION OF THE ODCM IN RESPONSE TO GENERIC LETTER 89-01
(TAC NO. 79309)

During the review associated with your application dated December 7, 1990, which proposed to remove radioactive effluent and radiological environmental monitoring requirements from the Technical Specifications and add controls to include them in the Offsite Dose Calculation Manual (ODCM), several observations concerning the revised ODCM were identified. Our observations are provided in the enclosure to this letter for your information and consideration. Should you have any questions concerning these observations, please contact Mr. Blaine Murray of NRC's Region IV office. Your resolution of these observations will be reviewed during a future inspection. The review of your amendment request is nearing completion and will be handled by separate correspondence.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original Signed By:

David L. Wigginton, Sr. Project Manager
Project Directorate IV-1
Division of Reactor Projects III, IV, and V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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

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Vice President Operations
Energy Operations, Inc.
Post Office Box B
Killona, Louisiana 70066

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SUBJECT: REVISION OF THE ODCM IN RESPONSE TO GENERIC LETTER 89-01
(TAC NO. 79309)

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Sincerely,

A handwritten signature in cursive script, appearing to read "D. Wigginton".

David L. Wigginton, Sr. Project Manager
Project Directorate IV-1
Division of Reactor Projects III, IV, and V
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

Mr. Ross P. Barkhurst
Entergy Operations, Inc.

Waterford 3

cc:

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

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
Office of Executive Director for
Operations
#17 Ryan Plaza Drive, Suite 1000

Mr. Glen Miller, Administrator
Radiation Protection Division
Office of Air Quality and Nuclear Energy
Post Office Box 14690
Baton Rouge, Louisiana 70898

Ident Inspector/Waterford NPS
Arlington, Texas 76011
Post Office Box 822
Killona, Louisiana 70066

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

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

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

Mr. Donald C. Hintz
Executive Vice President and
Chief Operating Officer
Entergy Operations, Inc.
P. O. Box 31995
Jackson, Mississippi 39286

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

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

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

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

Mr. Jerrold G. Dewease
Sr. Vice President
Planning & Assurance
Entergy Operations, Inc.
Post Office Box 31995
Jackson, Mississippi 39286-1995

Mr. L. W. Laughlin, Site Licensing
Support Supervisor
Entergy Operations, Inc.
P. O. Box B
Killona, Louisiana 70066

Enclosure

NRC Observations Concerning The Revised Offsite Dose Calculation Manual (ODCM) for Waterford 3

- 1) Attachment C, ODCM; the table for the bioaccumulation factors for fish and invertebrates taken from Table A-1 in Regulatory Guide 1.109 should be included in the proposed ODCM revision as it is in the current revision 6 of the ODCM.
- 2) Administrative Procedure UNT-005-014, ODCM, Section 5.3, Liquid Effluents; Doses from liquid effluents should be calculated for all age groups and not limited to just the adult even though the adult age group is considered to be the limiting criteria.
- 3) Administrative Procedure UNT-005-014, ODCM, Section 5.3, Liquid Effluents; all of the liquid dose pathway factors should be described in detail and the values used for calculation of doses for all age groups should be tabulated for easy reference. The bioaccumulation factor table giving the BFi values should be included.
- 4) Administrative Procedure UNT-005-014, ODCM, Table 5.6-2 and Table 5.6-4; the channel functional tests for those radiation monitors which have automatic termination of effluent release capability should be changed from a quarterly frequency to a prior to release frequency.