



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

March 19, 2015

LICENSEE: DTE Electric Company

FACILITY: Fermi 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JANUARY 22, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION, SET 7 PERTAINING TO THE FERMI 2 LICENSE RENEWAL APPLICATION (TAC NO. MF4222)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of DTE Electric Company (DTE or the applicant) held a telephone conference call on January 22, 2015, to discuss and clarify the staff's draft request for additional information (DRAI) B.1.38-2a concerning the Fermi 2 license renewal application. The telephone conference call was useful in clarifying the intent of the staff's DRAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains the DRAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

/RA/

Daneira Meléndez-Colón, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosures:

1. List of Participants
2. Summary of Telephone Conference Call

cc w/encls: Listserv

LICENSEE: DTE Electric Company

FACILITY: Fermi 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JANUARY 22, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION SET 7 PERTAINING TO THE FERMI 2 LICENSE RENEWAL APPLICATION (TAC NO. MF4222)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of DTE Electric Company (DTE or the applicant) held a telephone conference call on January 22, 2015, to discuss and clarify the staff's draft request for additional information (DRAI) B.1.38-2a concerning the Fermi 2 license renewal application. The telephone conference call was useful in clarifying the intent of the staff's DRAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains the DRAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

/RA/

Daneira Meléndez-Colón, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosures:

1. List of Participants
2. Summary of Telephone Conference Call

cc w/encls: Listserv

DISTRIBUTION: See next page

ADAMS Accession No.: ML15054A134

*Concurred via e-mail

OFFICE	LA:RPB1:DLR	PM:RPB1:DLR	PM:RPB1:DLR	BC:RPB1:DLR	PM:RPB1:DLR
NAME	Y Edmonds	D Meléndez-Colón	J Daily	Y Diaz-Sanabria	D Meléndez-Colón
DATE	3/11/15	3/17/15	3/17/15	3/19/15	3/20/15

OFFICIAL RECORD COPY

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JANUARY 22, 2015, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND DTE ELECTRIC COMPANY, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION, SET 7 PERTAINING TO THE FERMI 2 LICENSE RENEWAL APPLICATION (TAC NO. MF4222)

DISTRIBUTION:

E-MAIL:

PUBLIC

RidsNrrDir Resource

RidsNrrDirRpb1 Resource

RidsNrrDirRpb2 Resource

RidsNrrDirRerb Resource

RidsNrrDirRarb Resource

RidsNrrDirRasb Resource

RidsNrrDirRsrg Resource

RidsNrrPMFermi2 Resource

D. Melendez-Colon

Y. Diaz-Sanabria

E. Keegan

B. Wittick

B. Harris, OGC

D. Roth, OGC

M. Kunowski, RIII

B. Kemker, RIII

V. Mitlyng, RIII

P. Chandrathil, RIII

TELEPHONE CONFERENCE CALL
FERMI 2
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
JANUARY 22, 2015

PARTICIPANTS

Daneira Meléndez-Colón

Seung Min

Jeffrey Poehler

Kevin Lynn

Randy Westmoreland

Erica Mullen

AFFILIATIONS

U. S. Nuclear Regulatory Commission (NRC)

NRC

NRC

DTE Electric Company (DTE)

DTE

DTE

SUMMARY OF TELEPHONE CONFERENCE CALL
FERMI 2
LICENSE RENEWAL APPLICATION
JANUARY 22, 2015

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of DTE Electric Company (DTE or the applicant) held a telephone conference call on January 22, 2015, to discuss and clarify the following draft request for additional information (DRAI) concerning the Fermi 2 license renewal application (LRA).

DRAI B.1.38-2a

Background:

By letter dated January 5, 2015, the applicant responded to RAI B.1.38-2, that addressed the implementation schedule for the applicant's program enhancement regarding data sharing of new fluence projections and adjusted reference temperatures (ARTs). In its response, the applicant indicated that BWRVIP-135, Revision 2, provides the guidance to ensure that the transmittal of new fluence projections and associated ART tables in support of license renewal are shared with the BWRVIP. The applicant also indicated that the requirements in BWRVIP 86, Revision 1, or BWRVIP-135, Revision 2, do not specify a specific time period in which new fluence projections and ART tables should be provided to the BWRVIP for the BWRVIP Integrated Surveillance Program (ISP). The applicant further indicated that the intent of the enhancement committing that the identified information would be provided prior to the period of extended operation with a commitment date of September 20, 2024, is to formalize the need for information exchange, specifically for license renewal. In addition, the applicant stated that it has had no previous issues in promptly submitting changes affecting the requested information to the BWRVIP.

During its review of the RAI response, the staff noted that Section 5.7, "Planning for ISP Changes," of BWRVIP-86, Revision 1, states:

As time progresses, actual plant operating experience will provide more accurate data about each plant for predicting end-of-life vessel fluences and target capsule fluence values. This information will be factored into the ISP planning and, if necessary, adjustments will be made to the remaining capsule test matrix and withdrawal schedule in order to maintain an optimized program. Minor reassessments in the ISP test matrix will take into account plant-specific variations in scheduled withdrawal dates due to modifications in fuel cycles, or changes in target fluences caused by power uprates or variation in capacity factor. For example, target fluences in the original plan assume a nominal capacity factor of 80 percent for all BWR plants, and actual plant operation may vary from this assumed value.

Issue:

The staff noted that BWRVIP-86, Revision 1, indicates that the BWRVIP ISP continues to consider updated reactor vessel fluence values in the ISP planning in order to maintain an

ENCLOSURE 2

optimized program. The staff also noted that, upon receipt of a renewed license, the new fluence projections and adjusted reference temperatures are incorporated into the applicant's current licensing basis. The staff noted that this current licensing basis information should be communicated with the BWRVIP in a timely manner in order to ensure the effectiveness of the ISP. By contrast, the staff noted that the applicant's response did not provide sufficient justification for why the applicant's enhancement regarding the data sharing will be implemented prior to the period of extended operation, but not within a specific time period upon receipt of a renewed license.

In addition, it is not clear to the staff what the time frame is for sharing fluence projections and associated ARTs with the BWRVIP when these values are revised.

Request:

1. Provide sufficient justification for why the applicant's program enhancement regarding the data sharing of new fluence projections and associated ARTs will not be implemented within a specific time period upon receipt of a renewed license.
2. Provide a specific time frame for sharing fluence projections and associated ARTs with the BWRVIP when these values are revised (e.g., revised data will be shared with the BWRVIP within a specific time period upon the revision).

Discussion:

The applicant requested the staff clarify its request. The staff provided clarification related to its concern in draft RAI B.1.38-2a and stated it will revise the request as follows:

1. Provide sufficient justification for why the applicant's program enhancement regarding the data sharing of new fluence projections and associated ARTs will not be implemented within a specific time period upon receipt of a renewed license. In addition, clarify the timeframe for sharing fluence projections and associated ARTs with the BWRVIP when these values are revised (e.g., revised data will be shared with the BWRVIP within a specific time period upon the revision).

This question will be sent as a formal RAI titled: "B.1.38-2a." A mutually agreeable date for the response will be within 30 days from the date of the official letter.

During a subsequent telephone call (February 9, 2015) the applicant stated their intent to remove the program enhancement regarding data sharing of new fluence projections and ARTs.