

Wayne H. Jens
Vice President
Nuclear Operations

**Detroit
Edison**

Fermi-2
8400 North Dixie Highway
Newport, Michigan 48166
(313) 586-4150

August 9, 1984
EF2-72682

Mr. Bruce Mallet
Materials Licensing Section
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Mallet:

Reference: Fermi 2 NRC Docket No. 50-341

Subject: USNRC Material License No. 21-02335-10

This letter is to confirm our telephone conversation with you and Mr. M. McCann of your staff on August 3, 1984.

Please amend the subject license to reflect the revisions noted below. These changes are a result of an evolution in the Fermi 2 calibration methods.

1. Item M in Section 8 should be revised to replace the existing limit [i.e., "75 microcuries (not to exceed 15 microcuries per source)"] with the following: "Not to exceed 5 millicuries total."
2. Item O in Section 8 should be revised to replace the existing limit [i.e., "Not to exceed 600 millicuries total"] with the following: "Not to exceed 3 curies total with a maximum of 200 millicuries per source."

In addition, Section 9 should be revised to reflect the following clarification for Item O in Sections 6, 7, and 8: "For use in calibration of instruments. This material will not be released to the environment as a function of the calibration process."

3. Items I*, P, Q, R, T and W in Sections 6, 7 and 8 should be deleted. A new entry should be added which reads:

8409130462 840816
NMS LIC30
21-02335-10 PDR

AUG 13 1984

Mr. Bruce Mallet
August 9, 1984
EF2-72682
Page 2

Section 6: "Cesium - 137 or Cobalt - 60."

Section 7: "Sealed source (Any J. L. Shepherd calibration source that has prior NRC approval)."

Section 8: "Not to exceed 420 curies per source."

Section 9: "For use in calibration of instruments."

*Note: Item I was previously a Picker Type A411 to be replaced by a J. L. Shepherd Model 2810.

4. Section 9, Items X and Y, should be revised to read:
For possession of a total of 50 curies of Xe-133 incident to the performance of no more than 20 process and effluent monitor calibration procedures with 3 of the 20 calibrations not to use a quantity exceeding 5 curies and 17 of the 20 calibrations not to use a quantity exceeding 1.5 curies; and for a total of 50 curies of Kr-85 incident to the performance of no more than 20 process and effluent monitor calibration procedures, with no single calibration to use a quantity exceeding 600 millicuries.

Both of the above are to be conducted in accordance with procedures specified in mailgram dated May 26, 1984 and site procedure numbers 61.000.02 (ALARA Program and Review) and 12.000.13 (Radiation Work Permit) for the period from May 30, 1984 to the issuance of an Operating License covering Fermi 2.

This license amendment request provides for a decrease of the amount of noble gas released per calibration to the environment and clarification of our proposed calibration activities with respect to the June 1, 1984 amendments. The calibration activities will be performed in compliance with plant procedures 12.000.13 and 61.000.02.

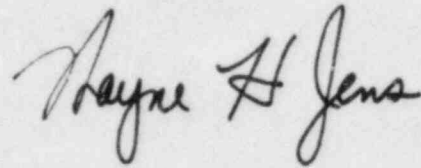
The calibration of the monitors which utilizes the sources and license revisions above is a critical path activity. An expedited review and approval is requested to support these pre-fuel activities.

Mr. Bruce Mallet
August 9, 1984
EF2-72682
Page 3

On a related matter, please provide Edison a copy of the Order Modifying License, dated July 3, 1984 to all Licensees who possess J. L. Shepherd irradiators (Mark I and Model 81-22).

If you have any questions, please contact Mr. Allen Wegele, (313) 586-4210.

Sincerely,

A handwritten signature in cursive script, appearing to read "Wayne H. Jens".

cc: Mr. P. M. Byron
Mr. M. D. Lynch
USNRC, Document Control Desk
Washington, D.C. 20555