

June 25, 1987

Mr. Dennis L. Farrar  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690

Dear Mr. Farrar:

SUBJECT: Acceptance of the Offsite Dose Calculation Manual, Revisions, 11 and 11A, Updated to April 30, 1987 (TACS 62097 and 62099)

In its Monthly Operating Report for May 1985, Commonwealth Edison (CE) provided pages dated March 1985 as Revision 11 to their "Offsite Dose Calculation Manual" (ODCM) for Dresden Nuclear Power Station, Unit Nos. 2 and 3. In its Monthly Operating Report for July 1986, CE further provided four pages dated April 1986 as Revision 11A to the ODCM for Dresden. We have reviewed this Dresden ODCM, updated through Revision 11A, and find that this ODCM generally uses documented and approved methods that are consistent with the methodology and guidelines in NUREG-0133, and is an acceptable reference. A copy of our Safety Evaluation (SE) is enclosed. Attached to the SE is our contractor's Technical Evaluation Report (TER).

Several questions are raised in the SE relative to site specific parameters used by CE in their ODCM calculations. Since the ODCM is a stand-alone document in support of the Dresden Technical Specifications, the licensee should provide in the next revision of the ODCM, documentation, as specified in the SE, to support its differences from recommended values for water usage, fish consumption, and dilution factors. Use of an infant rather than a child for the inhalation pathway calculation should also be addressed as indicated in the SE.

Sincerely,

Original Signed by/

Daniel R. Muller, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure: As stated

cc: See next page

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Mr. Dennis L. Farrar  
Commonwealth Edison Company

Dresden Nuclear Power Station  
Units 2 and 3

cc:

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