

June 9, 1987

Docket Nos.: 50-277/278

Mr. Edward G. Bauer, Jr.
Vice President and General Counsel
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

Dear Mr. Bauer:

SUBJECT: ACCEPTANCE OF OFFSITE DOSE CALCULATION MANUAL (TAC NOS. 61891 AND 61892)

RE: Peach Bottom Atomic Power Station, Units 2 and 3

The Philadelphia Electric Company (licensee) has previously provided a reference document, the "Offsite Dose Calculation Manual" (ODCM) in its submittal of November 29, 1982. An NRC staff technical assistance contractor, the Franklin Research Center (FRC), then reviewed the ODCM and found that it was a generally acceptable reference except for several deficiencies. These deficiencies were described in the Technical Evaluation Report (TER) by FRC dated June 29, 1983 that accompanied the NRC staff's safety evaluation of August 3, 1984 on the licensee's Radiological Effluent Technical Specifications (RETS).

The licensee had submitted a revised ODCM on March 8, 1984 addressing the earlier deficiencies noted in the TER. This revised ODCM, designated Rev. 0 by the licensee, was found acceptable by the staff in the letter dated August 3, 1984 that issued the RETS. However, the contractor's TER was not updated.

The licensee has reported in Semiannual Effluent Release Reports that, between December 31, 1984, the date of implementation of the RETS and December 31, 1986, no changes have been made to the ODCM. Therefore, the NRC staff has reevaluated the licensee's ODCM, Rev. 0 against the licensee's Technical Specification commitments as of December 31, 1986. The staff finds that this ODCM uses documented and approved methods that are consistent with the methodology and guidelines in NUREG-0133, and is an acceptable reference for the licensee's RETS. The NRC staff's safety evaluation and the FRC technical evaluation report are enclosed. The Peach Bottom Atomic Power Station ODCM, Revision 0, updated through December 31, 1986 is acceptable and this issue is, therefore, resolved.

Sincerely,

/s/

Robert E. Martin, Project Manager
Project Directorate I-2
Division of Reactor Projects

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

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Robert E. Martin
Robert E. Martin, Project Manager
Project Directorate I-2
Division of Reactor Projects

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Mr. E. G. Bauer, Jr.
Philadelphia Electric Company

Peach Bottom Atomic Power Station,
Units 2 and 3

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