



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

DESIGNATED ORIGINAL

March 22, 1991

Docket Nos. 50-266  
and 50-301

Mr. C. W. Fay  
Vice President, Nuclear Power  
Wisconsin Electric Power Company  
231 W. Michigan  
P. O. Box 2046  
Milwaukee, Wisconsin 53201

Dear Mr. Fay:

SUBJECT: POINT BEACH OFFSITE DOSE CALCULATION MANUAL, REVISION 3  
(TAC NOS. 69805 AND 69806)

We have completed our review of Revision 3 of the Point Beach Nuclear Plant Offsite Dose Calculation Manual (ODCM) which you transmitted by letter dated April 27, 1989. The review focused on your treatment of those concerns which were raised during our review of Revision 1 of the ODCM. The safety evaluation of Revision 1, which was transmitted to you by letter dated May 12, 1988, identified 19 discrepancies with the ODCM guidelines of NUREG-0133. You responded to these 19 items in your letter of October 6, 1988. Our review of Revision 3 also considered that response.

Based on our review of your submittals, 12 of the 19 discrepancies (items 4, 8, and 10 through 19, as numbered in your October 6, 1988 letter), are now considered resolved. Seven of the 19 discrepancies (items 1, 2, 3, 5, 6, 7, and 9) are not adequately resolved by your submittals. Furthermore, our subsequent review identified two additional discrepancies, making a total of nine items to be resolved.

The two additional deficiencies and original deficiencies 6, 7, and 9 are significant and should be resolved to ensure that radioactive effluent releases are within 10 CFR Part 20 and Part 50 limits and within the Point Beach technical specifications. They arise from your use of an extra dilution factor in the fish pathway dose calculations and from your use of an "equivalent curies" dose calculational method. Of the original seven discrepancies, two concern the use of inappropriate sources for the calibration of effluent monitors. One discrepancy concerns the methodology which would ensure that concurrent gaseous releases from the four release points would not result in the release rate limits being exceeded. Two discrepancies address which organ is limiting for releases of liquid effluents. Two discrepancies question whether the ODCM can provide assurance that effluent dose limits are not exceeded.

These items are addressed in more detail in the enclosed safety evaluation. Also enclosed is a copy of the evaluation of your October 6, 1988 submittal. (Letter Report, F.B. Simpson, EG&G/Idaho, to W. Meinke, USNRC, dated December 8, 1988) This evaluation may be helpful to you in resolving the remaining discrepancies.

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Mr. C. W. Fay

-2-

March . , 1991

The five deficiencies cited above as significant should be resolved prior to submittal of the next revision to the ODCM. The remaining deficiencies are provided for your consideration as improvement items in a future revision of the Point Beach ODCM.

Sincerely,

Original signed by

Robert B. Samworth, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects III/IV/V  
Office of Nuclear Reactor Regulation

Enclosures:

1. Evaluation of ODCM, Revision 3
2. Review of Point Beach Response  
to ODCM Revision 1 Review

cc w/enclosures:  
See next page

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DOCUMENT NAME: 69806/69806 ODCM

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DOCUMENT NAME: 69006/69806 ODCM

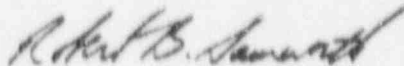
Mr. C. W. Fay

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Mr. C. W. Fay  
Wisconsin Electric Power Company

Point Beach Nuclear Plant  
Unit Nos. 1 and 2

cc:

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