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August 20, 1976

Regulatory Docket File



Mr. Benard C. Rusche, Director
 Office of Nuclear Reactor Regulation
 U.S. Nuclear Regulatory Commission
 Washington, D.C. 20555

Subject: Dresden Station Units 1, 2, and 3
 Proposed Appendix B to DPR-19 and DPR-25
NRC Dkts. 50-10, 50-237, and 50-249

Dear Mr. Rusche:

Pursuant to 10 CFR 50.59, the proposed Appendix B to Dresden Station Units 1, 2, and 3 is submitted. This replaces the proposed Appendix B submitted November 4, 1974. Dresden Unit 1 has been included in this submittal because Appendix B relates more to a site rather than specific units.

The significant changes made to the proposed Appendix B include the following:

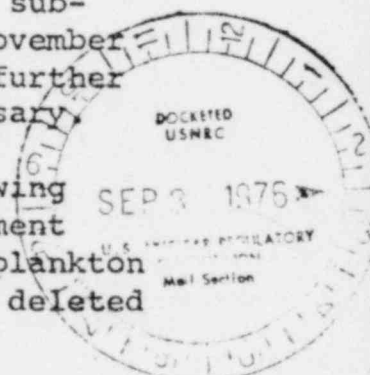
Sections 2.4 and 2.5 have been deleted. Radioactive materials discharge and radioactive materials monitoring are described in Section 3.8 of Appendix A.

Sections 2.1.1.1 and 2 have been deleted based upon the results of over 1½ years of sampling since submittal of initial Technical Specification in November 1974. The sampling program demonstrated that further chemical and bacteria monitoring was not necessary.

Section 3.1.2 was revised to include the following specific items: 1) fish in river, 2) impingement of fin fish, 3) fish eggs and larvae, 4) phytoplankton in the cooling lake. The remaining items were deleted as a result of the monitoring program to date.

Section 3.2 was deleted from Appendix B inasmuch as radiological environmental monitoring is discussed in Section 3.8 of Appendix A.

Section 4.1, dike surveillance has been deleted because the study to which it referred has been completed.



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Section 4.3, algal bloom O₂ depletion, has been deleted because it was without scientific basis and did not incorporate basic principals concerning blue green algae and algal blooms. Section 3.1.2.4 describes a monitoring program to identify algal problems if they should occur.

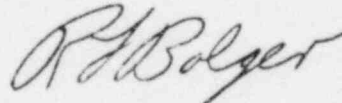
Section 5 has been abbreviated to refer to Section 6 of Appendix A for administrative controls.

Section 5.8.1, Subsection F, has been changed to reflect an increase in blowdown from 50,000 up to 500,000 GPM in accordance with a current agreement between Commonwealth Edison Company and the United States Environmental Protection Agency for NPDES Permit IL 0002224.

The proposed change has received on-site and off-site review.

Three (3) signed originals and 37 copies are provided for your use.

Very truly yours,



R. L. Bolger
Assistant Vice President

SUBSCRIBED and SWORN to
before me this 20th day
of August, 1976.

Nancy M. Hallingsworth
Notary Public

My Commission Expires September 24, 1978