

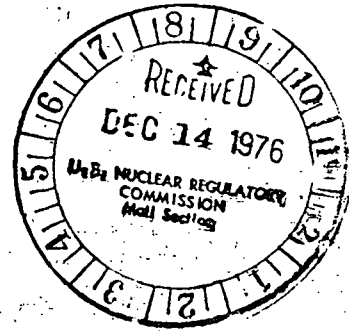


Commonwealth Edison

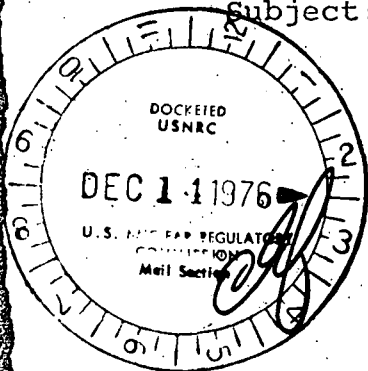
One First National Plaza, Chicago, Illinois
Address Reply Post Office Box 767
Chicago, Illinois 60690

November 29, 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
Quad-Cities Station Units 1 and 2
Zion Station Units 1 and 2
Proposed Amendments to Facility Operating
Licenses DPR-2, DPR-19, DPR-25,
DPR-29, DPR-30, DPR-39, and DPR-48 for a
Radiological Monitoring Program in Accordance
With the Requirements of 10 CFR 50 Appendix I -
NRC Docket Nos. 50-10/237/249, 50-254/265,
and 50-295/304.

Dear Mr. Rusche:

Pursuant to 10 CFR 50.36a and 10 CFR 50.90, Commonwealth Edison Company proposes to amend Appendix A to the subject facility operating licenses.

In April, 1975, the Nuclear Regulatory Commission promulgated Appendix I to 10 CFR 50. Appendix I provides numerical guides for design objectives and limiting conditions for operation to meet the criteria "as low as is reasonably achievable" for radioactive material in effluents from light water cooled nuclear power reactors. Accompanying Appendix I was another document entitled "Opinion of the Commission". In this document, the Commission recognized that measurements of environmental exposures and quantities of radioactive materials in the environs are complicated by the very low concentrations that are encountered, compared to background, and by variables in both time and space that affect concentration. The Commission then encouraged everyone to improve the calculational models and to use the best data available.

Commonwealth Edison, working with Dr. Bernd Kahn, Director, Environmental Resources Center, Georgia Institute of Technology, has designed an environmental radiological monitoring program responsive to the provisions of Appendix I and the expressed opinion of the Commission. This program described in the attached document, consists of three parts:

- (1) A two year preoperational program which is similar to the program described in Regulatory Guide 4.8;

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- (2) An operational program which identifies land use changes in nearby unrestricted areas, and provides environmental surveillance coverage in case of an unplanned release and year round monitoring of certain principal pathways of exposure; and
- (3) An environmental dose pathway study, a research level investigation of certain radionuclides in plant effluents and the environment, which will be performed over the next few years.

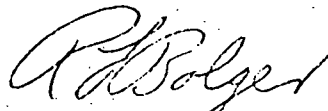
Included are proposed Technical Specifications for implementing these programs at Dresden, Quad-Cities, and Zion Station on July 1, 1977. A timely decision is needed to assure that the contractor chosen for this work is prepared with the needed equipment, approved procedures, and trained personnel.

The proposed Technical Specification changes have received on-site and off-site review and approval.

Please contact this office regarding any additional information on the subject.

Three (3) signed originals and 57 copies are provided for your use.

Very truly yours,



R. L. Bolger
Assistant Vice President

SUBSCRIBED and SWORN to
before me this 29th day
of November, 1976.

Nancy M. Hollingsworth
Notary Public