

Docket Nos. 50-10/237/249
50-254/265
50-295/304

Commonwealth Edison Company
ATTN: Mr. R. L. Bolger
Assistant Vice President
Post Office Box 767
Chicago, Illinois 60690

FEB 25 1977

Gentlemen:

We have reviewed your request dated November 29, 1976, which proposed changes to the radiological environmental monitoring programs at the Dresden, Quad Cities and Zion Nuclear Power Stations. Your request included the proposed Technical Specifications for implementing these programs and indicated that the target date for implementation is July 1, 1977. Your request also indicated that a timely decision was needed to assure that the contractor chosen for this work would be prepared with the needed equipment, approval procedures and trained personnel.

Our review indicates that in general your proposed radiological environmental monitoring program is acceptable. As discussed with John Golden of your staff, there are several items that need clarification or modification before a license amendment can be issued. The most critical of these items are:

1. A specification on the lower limits of detection of radioactive nuclides in the environment as defined in HASL-300 is required.
2. The use and availability of the air sampler requires clarification.
3. Provision for reporting of anomalous measurements of radioactivity in environmental samples should be included.
4. The bases used for the selection of sampling media included in the proposed program is required.

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- 5. Composite water sampling with gamma spectra and tritium analysis is required.
- 6. The inclusion of fish sampling in the program should be examined.

We suggest that a meeting be held about the middle of March to discuss the above items. Please contact Mr. M. Grotenhuis to arrange the meeting.

Sincerely,

Original Signed by:
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

cc: see next page

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cc

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