



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

APR 15 1980

Docket No. 50-295
Docket No. 50-304

Commonwealth Edison Company
ATTN: J. J. O'Connor
President
P. O. Box 767
Chicago, IL 60690

Gentlemen:

On March 10 through 21, 1980, the NRC conducted a special appraisal of the health physics program at the Zion Nuclear Generating Station as part of an ongoing extensive effort in this area at all operating nuclear power plants in the country. The detailed report and findings of that inspection will be forthcoming. However, because of concerns identified during this special inspection, you and I and members of our respective staffs met in our Region III office on April 11, 1980.

During this meeting, our major concerns, listed in the enclosure to this letter, were discussed in detail. This confirms that Commonwealth Edison Company has initiated action on certain of these concerns and will proceed expeditiously to resolve all concerns. We agreed to meet in approximately two weeks to discuss CECO's method of resolution, including completion dates, for each area.

We appreciate your cooperation in resolving these matters.

Sincerely,

James G. Keppler
James G. Keppler
Director

Enclosure: As stated

- cc w/encl:
- Mr. D. L. Peoples, Director
of Nuclear Licensing
- Mr. N. Wandke, Plant
Superintendent
- Central Files
- Reproduction Unit NRC 20b
- PDR
- Local PDR
- NSIC
- TIC
- Mr. Dean Hansell, Office of
Assistant Attorney General

HEALTH PHYSICS APPRAISAL CONCERNS

1. Improvement in the quality of the radiation protection program through stronger management and management support.
2. Vandalism which may adversely affect contamination control, emergency communications, and laboratory analytical results.
3. Identification of the source and extent of alpha contamination seen in the refueling cavity.
4. Personnel accountability and access control to auxiliary building and high radiation areas.
5. Improvement of contamination control.
6. Identification and correction of sources of inplant radioactive gas leaks.
7. Assurance of adequacy of training and instrument calibration as related to emergency response capabilities.
8. Accelerated completion of the radwaste facility addition and safety review of the temporary demineralizer installation under accident conditions.