

September 20, 1985

Docket No. 50-249
LS05-85-09-017

Mr. Dennis L. Farrar
Director of Nuclear Licensing
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT -
APPENDIX J EXEMPTIONS

Re: Dresden Nuclear Power Station, Unit No. 3

I am enclosing the subject notice which relates to your submittal dated August 26, 1985 requesting exemptions from certain requirements of Appendix J to 10 CFR Part 50.

This notice is being forwarded to the Office of the Federal Register for publication.

Sincerely,
Original signed by

John A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
Notice

cc w/enclosure:
See next page

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

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Sincerely,

A handwritten signature in cursive script that reads "John A. Zwolinski".

John A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing

Enclosure:
Notice

cc w/enclosure:
See next page

Mr. Dennis L. Farrar
Commonwealth Edison Company

Dresden Nuclear Power Station
Units 1, 2 and 3

cc:

Robert G. Fitzgibbons Jr.
Isham, Lincoln & Beale
Three First National Plaza
Suite 5200
Chicago, Illinois 60602

Mr. Doug Scott
Plant Superintendent
Dresden Nuclear Power Station
Rural Route #1
Morris, Illinois 60450

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Dresden Station
Rural Route #1
Morris, Illinois 60450

Chairman
Board of Supervisors of
Grundy County
Grundy County Courthouse
Morris, Illinois 60450

Regional Administrator
Nuclear Regulatory Commission, Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Gary N. Wright, Manager
Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive, 5th Floor
Springfield, Illinois 62704

UNITED STATES NUCLEAR REGULATORY COMMISSION
COMMONWEALTH EDISON COMPANY
DOCKET NO. 50-249
ENVIRONMENTAL ASSESSMENT AND FINDING OF
NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from certain testing requirements of Appendix J to 10 CFR Part 50 to the Commonwealth Edison Company (CECo) (the licensee) for Dresden Nuclear Power Station, Unit No. 3 located at the licensee's site in Grundy County, Illinois.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed action would grant an exemption from certain requirements of Appendix J to 10 CFR Part 50 for type B and C testing of certain valves, vents, drains, sumps and penetrations which maintain containment integrity at design bases accident conditions. The exemption is strictly schedular in that it would allow a 30-day extension of the 2-year test interval for the above components required by Appendix J.

The Need for the Proposed Action:

The licensee shut down for its Cycle 9 refueling outage on September 30, 1983 and was scheduled to shut down for its Cycle 10 refueling outage in the Spring of 1985. However, because of an unanticipated 4-month outage extension in 1984, the shutdown for refueling and other modifications has been extended to October 26, 1985. This will cause CECo to exceed the 2-year test interval required by Appendix J for type B and C testing of certain

Components
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 P PDR

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Environmental Impact of the Proposed Action:

The proposed exemption affects only the interval between the test of certain components required to assure containment integrity. Because the operational period of these components will be shortened due to the aforementioned 4-month Cycle 9 refueling outage extension, the operational challenge to these components has been less than usually occurs in the 2-year test interval. Thus, post-accident radiological releases will not differ from those determined previously and the proposed exemption does not otherwise affect facility radiological effluent or occupational exposures. With regard to potential nonradiological impacts, the proposed exemption does not affect plant nonradiological effluents and has no other environmental impact. Therefore, the Commission concludes there are no measurable radiological or nonradiological environmental impacts associated with the proposed exemption.

Alternatives to the Proposed Action:

Since the Commission has concluded there is no measurable environmental impact associated with the proposed exemption, any alternatives with equal or greater environmental impact need not be evaluated. The principal alternative to the exemption would be to require rigid compliance with the Appendix J requirements. Such action would not enhance the protection of the environment and would result in unjustified costs.

Alternative Use of Resources:

This action does not involve the use of resources not considered previously in the Final Environmental Statement for Dresden Unit 3.

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Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption. Based upon the environmental assessment, the NRC staff concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this proposed action, see the licensee's letter dated August 26, 1985. This letter is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Morris Public Library, 604 Liberty Street, Morris, Illinois 60451.

Dated at Bethesda, Maryland this 20th day of September 1985.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis M. Crutchfield, Assistant Director
for Safety Assessment
Division of Licensing