

Docket File



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

June 29, 1993

Docket Nos. 50-237,
50-249,
50-254,
and 50-265

Mr. D. L. Farrar
Manager, Nuclear Regulatory Services
Commonwealth Edison Company
Executive Towers West III, Suite 500
1400 OPUS Place
Downers Grove, Illinois 60515

Dear Mr. Farrar:

SUBJECT: POST-ACCIDENT COMBUSTIBLE GAS CONTROL SYSTEM AT DRESDEN,
UNITS 2 AND 3, AND QUAD CITIES, UNITS 1 AND 2, GENERIC
LETTER 84-09 (TAC NOS. M55148, M55149, M56579 AND M56580)

On May 8, 1984, the NRC issued Generic Letter (GL) 84-09. The GL stated that the Commission has determined that a Mark I BWR type design will not rely upon purge/repressurization systems as the primary means of hydrogen control if certain technical criteria were satisfied. With that finding, a Mark I facility need not be required to have recombiner capability. The main focus of the GL 84-09 criteria was to assure that there are no additional oxygen sources other than those recognized in the GL supporting technical analyses.

The licensee responded to the GL by a letter dated June 25, 1985, indicating that Dresden and Quad Cities met the GL 84-09 criteria for acceptance of an inerted containment as the primary method of combustible gas control. The NRC staff found the licensee's position unacceptable due to the lack of a safety-grade purge/repressurization capability. After subsequent communications between the licensee and staff, by letters dated March 6, 1992, April 16 and April 30, 1993, the licensee proposed modifications to the facilities which the staff has found to be an acceptable resolution of the recombiner issue.

The NRC Safety Evaluation (SE) is forwarded as Enclosure 1. As discussed and concluded in the SE, the NRC staff concludes that the modified nitrogen inerting system provides a reliable purge-repressurization capability, and the facility thereby meets the GL 84-09 criteria for relief from the recombiner requirements.

The schedule to complete all final modifications at both Dresden and Quad Cities will be prior to December 31, 1997. The staff finds this schedule unacceptable based on the supporting information provided by your letter dated April 16, 1993. Please provide an integrated schedule for modifications at both the Dresden and Quad Cities Stations over the next two refueling outages for all four units. In addition, provide additional justification for the delay of the modifications to meet GL 84-09. The justification should be

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Mr. D. L. Farrar

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based on the safety significance of other modifications to be completed prior to these modifications to meet the requirements of GL 84-09. Please provide this information within 60 days following receipt of this letter.

This completes the NRC technical resolution of GL 84-09 for Dresden and Quad Cities action on TAC Nos. M55148 M55149, M56579 and M56580.

Sincerely,

Original Signed By:

John F. Stang, Project Manager
Project Directorate III-2
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
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Mr. D. L. Farrar
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit Nos. 2 and 3

cc:

Michael I. Miller, Esquire
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

Mr. C. Schroeder
Plant Manager
Dresden Nuclear Power Station
6500 North Dresden Road
Morris, Illinois 60450-9765

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Dresden Station
6500 North Dresden Road
Morris, Illinois 60450-9766

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

Regional Administrator
Nuclear Regulatory Commission, Region III
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph
Suite 11-300
Chicago, Illinois 60601

Mr. D. L. Farrar
Commonwealth Edison Company

Quad Cities Nuclear Power Station
Unit Nos. 1 and 2

cc:

Mr. Stephen E. Shelton
Vice President
Iowa-Illinois Gas and
Electric Company
P. O. Box 4350
Davenport, Iowa 52808

Michael I. Miller, Esquire
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

Mr. Richard Bax
Station Manager
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, Illinois 61242

Resident Inspector
U. S. Nuclear Regulatory Commission
22712 206th Avenue North
Cordova, Illinois 61242

Chairman
Rock Island County Board
of Supervisors
1504 3rd Avenue
Rock Island County Office Bldg.
Rock Island, Illinois 61201

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph
Suite 11-300
Chicago, Illinois 60601