

January 9, 1990

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

Thomas J. Kovach  
Nuclear Licensing Manager  
Commonwealth Edison Company-Suite 300  
OPUS West III  
1400 OPUS Place  
Downers Grove, Illinois 60515

SUBJECT: ENVIRONMENTAL QUALIFICATION OF MOBIL GREASES FOR LIMITORQUE  
ACTUATORS FOR THE DRESDEN AND QUAD CITIES STATIONS (TAC NOS.  
67158 AND 67159)

Dear Mr. Kovach:

During the NRC Diagnostic Evaluation Team Inspection at the Dresden Nuclear Power Station in August 1987, the use of an apparently unqualified grease for Limatorque drywell motor-operated valves was identified. By letter dated January 22, 1988 you committed to environmentally qualify these greases. In a letter dated October 11, 1989, you transmitted a test report which contained the results of a test program at Wyle Laboratories that evaluated the acceptability of Mobil greases Mobilux EPO, EP1 and EP2 and Mobilgrease 28 for use in Limatorque actuators at Dresden and Quad Cities. The staff has reviewed this report and determined that the Mobil greases are environmentally qualified and that the maintenance and surveillance program on Limatorque actuators to be performed every other refueling outage or approximately every 3 years to ensure operability is acceptable. The staff's Safety Evaluation, which is enclosed, concludes that the use of Mobil greases as a substitute for the currently used Exxon greases is acceptable. Therefore, this issue is resolved.

Original signed by

Byron L. Siegel, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III,  
IV, V and Special Projects

Original signed by

Thierry M. Ross, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III,  
IV, V and Special Projects

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PDR ADOCK 05000237  
Q PNU

Enclosure:  
As stated

\*See previous concurrence  
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LLuther BSiegel:ta  
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PDIII-2:PM  
TRoss  
1/02/89

PDIII-2:PD  
JCraig  
1/02/89

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

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and 50-254/265

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Handwritten signature of Byron L. Siegel in cursive.

Byron L. Siegel, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III,  
IV, V and Special Projects

Handwritten signature of Thierry M. Ross in cursive.

Thierry M. Ross, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosure:  
As stated

Mr. Thomas J. Kovach  
Commonwealth Edison Company

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Units 2 and 3

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Commonwealth Edison Company

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