

October 6, 1988

Docket No. 50-456, 50-457

Mr. Henry E. Bliss
Nuclear Licensing Manager
Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690

Dear Mr. Bliss:

By letters dated August 26 and September 2, 1988, Commonwealth Edison Company submitted a proposal for NRC to review the performance of mixed-grease samples with mixtures of 12% of 33% of Sun EP50 mixed with Exxon Nebula EPO/EP1.

The NRC staff has completed its review of your submittal as to whether mixed grease with greater than 5% contaminant will affect the operability of Limitorque valve operators in the Braidwood Station, Units 1 and 2. The NRC staff has concluded that there is insufficient information to make a determination on the post accident operability of these Limitorque valve operators. Therefore, Braidwood Units 1 and 2 valves with greater than 5% grease contaminant in operators may not have been able to perform their intended function following the environmental exposure to a Design Basis Accident. Our Safety Evaluation is enclosed.

Sincerely,

151

Stephen P. Sands, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

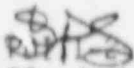
Enclosure:
As stated

cc: See next page


DISTRIBUTION

<u>Docket file</u>	SSands
NRC & Local PDRs	OGC
PDIII-2 r/f	EJordan
GHolman	BGrimes
MVirgilio	ACRS (10)
LLuther	Plant file
DMuller	

DF01
1/1


SSands:km
10/6/88

PDIII-2
LLuther
10/06/88

 PDIII-2
DMuller
10/6/88



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20535
October 6, 1988

Docket No. 50-456, 50-457

Mr. Henry E. Bliss
Nuclear Licensing Manager
Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690

Dear Mr. Bliss:

By letters dated August 26 and September 2, 1988, Commonwealth Edison Company submitted a proposal for NRC to review the performance of mixed-grease samples with mixtures of 12% of 33% of Sun EP50 mixed with Exxon Nebula EPO/EP1.

The NRC staff has completed its review of your submittal as to whether mixed grease with greater than 5% contaminant will affect the operability of Limitorque valve operators in the Braidwood Station, Units 1 and 2. The NRC staff has concluded that there is insufficient information to make a determination on the post accident operability of these Limitorque valve operators. Therefore, Braidwood Units 1 and 2 valves with greater than 5% grease contaminant in operators may not have been able to perform their intended function following the environmental exposure to a Design Basis Accident. Our Safety Evaluation is enclosed.

Sincerely,

A handwritten signature in cursive script that reads "Stephen P. Sands".

Stephen P. Sands, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosure:
As stated

cc: See next page

Mr. Henry E. Bliss
Commonwealth Edison Company

Braidwood Station
Units 1 and 2

cc:

Mr. William Kurtier
Atomic Power Distribution
Westinghouse Electric Corporation
Post Office Box 355
Pittsburgh, Pennsylvania 15230

Ms. Lorraine Creek
Route 1, Box 182
Manteno, Illinois 60950

Joseph Gallo, Esq.
Hopkins and Sutter
1050 Connecticut Ave., N. W.
Suite 1250
Washington, D. C. 20036

Douglass Cassel, Esq.
109 N. Dearborn Street
Chicago, Illinois 60602

C. Allen Bock, Esq.
Post Offices Box 342
Urbana, Illinois 61801

Elena Z. Kezelis, Esq.
Isham, Lincoln & Beale
Three First National Plaza
Suite 5200
Chicago, Illinois 60602

Ms. Bridget Little Rorem
Appleseed Coordinator
117 North Linden Street
Essex, Illinois 60935

Mr. Charles D. Jones, Director
Illinois Emergency Services
and Disaster Agency
110 East Adams Street
Springfield, Illinois 62706

Mr. Edward R. Crass
Nuclear Safeguards and
Licensing Division
Sargent & Lundy Engineers
55 East Monroe Street
Chicago, Illinois 60603

Michael Miller, Esq.
Sidley and Austin
One First National Plaza
Chicago, Illinois 60603

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
RR#1, Box 79
Braidwood, Illinois 60407

George L. Edgar
Newman & Holtzinger, P.C.
1615 L Street, N.W.
Washington, D.C. 20036

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

Attorney General
500 South 2nd Street
Springfield, Illinois 62701

Chairman
Will County Board of Supervisors
Will County Board Courthouse
Joliet, Illinois 60434

EIS Review Coordinator
EPA Region V
230 S. Dearborn Street
Chicago, Illinois 60604