

DEC 11 1981

Docket Nos.: STN 50-454  
and STN 50-455

APPLICANT: Commonwealth Edison Company

FACILITY: Byron Station

SUBJECT: SUMMARY OF RSB MEETING

A meeting was held September 17 - 18, 1981 at Byron Station near Byron, Illinois with Commonwealth Edison Company, Westinghouse, and Sargent & Lundy. The meeting was held to discuss concerns raised by the Reactor System Branch during their review of the Byron/Braidwood FSAR. A list of attendees is given in Enclosure 1.

The items discussed are listed in a letter to the applicant, dated September 3, 1981. The following items were technically resolved pending documentation by applicant in the FSAR:

212.12, 15, 16, 85, 103, 137, 144, 153, 154, 156, 158, 159.

The following items remain open:

212.22 - Pressurizer safety valve supports - need to resolve jointly with MEB.

23 - Loading due to water relief (water hammer) - testing by EPRI, report due 7/82.

112 - Pipe breaks inside containment - response by 1/82, reviewed also by MEB.

127 - Fuel rod internal pressure - need to resolve jointly with Core Performance Branch.

135& - DNBR plot for steam line break transient - need to resolve jointly with Core Performance Branch.

157 - Cold shutdown outside control room - Cold shutdown report due 10/15/81.

OFFICE ▶	8112280543	811211					
SURNAME ▶	PDR	ADOCK	05000454				
DATE ▶	A	PDR					

Byron

In addition, the following new items were brought up and discussed:

- A. Boron dilution transient - applicant will provide response by end of 10/81.
- B. Resetting SI for 10 minutes (O 212.80) - need to be resolved jointly with ICSB and MTEB.
- C. Steam line restricters classification (O 212.42) - applicant will revise FSAR to reflect classification: seismic Class 1, Safety Class 2.
- D. Overpressure analysis (O 212.19 and 20) - applicant will provide "Overpressure Protection Report" referenced in question 19 and 20.
- E. ATWS Procedure - applicant will provide ATWS procedures and equipment.
- F. Reactor vessel vents - Procedures needed.

The second day, the staff conducted a tour of Byron Unit 1 to observe several areas of review including the containment sump, reactor vents, pressurizer relief valves, ECCS pump room, and RHR isolation valves.

Original signed by:  
 Kenneth L. Kiper  
 Kenneth L. Kiper, Project Manager  
 Licensing Branch No. 1  
 Division of Licensing

Enclosure:  
As stated

cc: See next page

OFFICE ▶	DL:LB#1	DL:LB#1	DL:LB#1				
SURNAME ▶	KKiper/yt	SChestnut	BJYoungblood				
DATE ▶	12/10/81	12/10/81	12/10/81				

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Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
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ccs:

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Atomic Power Distribution  
Westinghouse Electric Corporation  
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Rockford, Illinois 61107

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117 North Linden Street  
Essex, Illinois 60935

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Department of Biological Sciences  
Northern Illinois University  
DeKalb, Illinois 61107

Mr. Edward R. Crass  
Nuclear Safeguards and Licensing Division  
Sargent & Lundy Engineers  
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Nuclear Regulatory Commission  
Region III  
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U. S. Nuclear Regulatory Commission  
Resident Inspectors Office  
4448 German Church Road  
Byron, Illinois 61010

Ms. Diane Chavez  
602 Oak Street, Apt. #4  
Rockford, Illinois 61108

ENCLOSURE 1

RSB Meeting  
September 17 - 18, 1981

Attendees

NRC

K. Kiper  
G. Alberthal  
S. Bruske (EG&G)  
D. Beahm (EG&G)  
R. Ireland

CECo

T. Tramm  
L. Bowen

Sargent & Lundy

S. Boeing  
K. Green

Westinghouse

M. Oper  
J. Conner  
B. Sterdis  
G. Harkness

League of Women Voters

B. Johnson

Rockford Register Star

Eileen Peterson

MEETING SUMMARY DISTRIBUTION

Docket File  
NRC PDR  
Local PDR  
TIC/NSIC/Tera

DEC 11 1981

LB#1 Reading  
H. Denton/E. Case

D. Eisenhut/M. Jambor

B. J. Youngblood  
A. Schwencer  
F. Miraglia  
J. Miller  
G. Lainas  
R. Vollmer  
J. P. Knight  
R. Bosnak  
F. Schauer  
R. E. Jackson

Project Manager KKiper/Schesnut  
Attorney, OELD  
M. Rushbrook  
OIE (3)  
ACRS (16)

E. Adensam

NRC Participants:

KKiper  
GAlberthal  
SBruske (EG&G)  
DBeahm (EG&G)  
RIreland

G. Lear  
W. Johnston  
S. Pawlicki  
V. Benaroya  
Z. Rosztoczy  
W. Haass  
D. Muller  
R. Ballard  
W. Regan  
R. Mattson  
P. Check  
F. Congel  
O. Parr  
F. Rosa  
W. Butler  
W. Kreger  
R. Houston

L. Rubenstein  
T. Speis  
M. Srinivasan  
J. Stolz  
S. Hanauer  
W. Gammill  
T. Murley  
F. Schroeder  
D. Skovholt  
M. Ernst  
R. Baer  
C. Berlinger  
K. Kniel  
G. Knighton  
A. Thadani  
D. Tondi  
J. Kramer  
D. Vassallo  
P. Collins  
D. Ziemann



bcc: Applicant & Service List