

ILLINOIS POWER COMPANY

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

November 14, 1984

Mr. Gordon L. Parkinson
Bechtel Power Corporation
Fifty Beale Street
San Francisco, CA 94119

Dear Mr. Parkinson:

Enclosed is S&L's response to Observation Report Number 8, Rev. 1.
This response has been reviewed by Illinois Power.

Sincerely yours,



H. R. Victor
Manager,
Nuclear Station Engineering

DWW/lm

cc: See Attached Distribution List

8411200047 841114
PDR ADOCK 05000461
A PDR

Boo
1/1

SARGENT & LUNDY
ENGINEERS
FOUNDED 1891

55 EAST MONROE STREET

CHICAGO, ILLINOIS 60603

(312) 269-2000

TWX 910-221-2807

R. C. HEIDER
ASSOCIATE
312-269-7046

SLMI-13921

Date: November 5, 1984

Project No. 4536-51, -53

Illinois Power Company
Clinton Power Station - Unit 1

Independent Design Review
Observation and Resolution Reports

Mr. J. D. Geier
Assistant to Vice President
Illinois Power Company
500 South 27th Street
Decatur, Illinois 62525

Dear Mr. Geier:

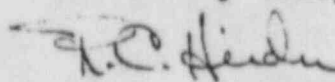
Enclosed is a copy of the below listed Resolution Reports with the proposed resolution (Items 5 and 6) completed by Sargent & Lundy:

Resolution Report Number 8, Revision 1

We are also enclosing a copy of the corresponding Observation Reports for completeness.

Please review our proposed resolution and, if you concur, sign Item 7 of the Resolution Report and forward the report to the independent reviewer. Also, please return a copy of the signed Resolution Report to Sargent & Lundy for our records.

Yours very truly,



R. C. Heider
Project Manager

RCH:nd

Attachment - all recipients

D. P. Hall	E. L. Branch
H. R. Victor	B. A. Erler
F. A. Spangenberg (originals)	W. G. Schwartz
L. E. Ackmann/W. A. Chittenden	L. R. Stensland
W. G. Hegener	H. S. Taylor
E. V. Abraham	R. A. Witt
R. X. French	R. B. Johnson
J. M. McLaughlin	M. J. Shewski
H. M. Sroka	D. K. Schopfer

CLINTON POWER STATION
Job 15478-003

OBSERVATION REPORT

File No. 08
File Revision No. 0
Date Sept. 28, 1984

1. Level 1 classification of Observation:

- Not significant to safety
 Additional information required *See 5, "Recommendation for resolution"
 Significant to safety, send to Level 2 Committee

2. Structure(s), system(s), or component(s) involved:

125 v dc distribution system, safety related control center undervoltage relay and ground detection circuits

3. Description of Observation:

Circuits to the two non-safety related (NSR) components (undervoltage relay and ground detector recording voltmeter) of the 125 v dc safety related (SR) control center are isolated from the SR bus by only one interrupting device (fuse) actuated by fault current. There is a discrepancy with FSAR Section 8.1.6.1.14 which specifies that circuit breakers actuated by fault current are used as isolation devices only when two devices are in series on the same circuit.

4. Significance of Observation:

The 125 v dc power system is a support system for the Class 1E ac power system. Since the components are NSR, internal fault in the components during OBE could degrade the SR bus.

5. Recommendation for resolution (optional):

S&L should provide an explanation of why the discrepancy occurred, and an assessment of its safety significance. S&L should justify the adequacy of the circuit design to meet the design commitment.

6. Signatures:

[Signature] 7/29/84
Level 1 Review Committee
Robert S. Calk
R. S. Howell

[Signature]
[Signature]

CLINTON POWER STATION
Job 15478-003

RESOLUTION REPORT

File No. 08
File Revision No. 1
Date November 5, 1984

1. Resolution by Level 1 Internal Review Committee

2. Classification of Observation:

- a. Not valid (see continuation sheet)
- b. Not significant to safety
- c. Additional information required
- d. Significant to safety

3. Program resolution is:

- a. Closed item
- b. Action to be taken by Reviewee

4. Review Committee signatures:

Robert S. Cahn
Harkinson 9/29/84

S. J. Powell
D. B. ...
[Signature]

5. Reviewee proposed resolution:

a. Description of proposed resolution:
(See Continuation Sheet)

b. Basis of proposed resolution:
(See Continuation Sheet)

6. Reviewee response report signed by

[Signature] Date 11/2/84
Engineer
[Signature] Date 11/3/84
Manager

7. Illinois Power Co. Review:

[Signature] Date 11/13/84

CLINTON POWER STATION
Job 15478-003

RESOLUTION REPORT
(continuation sheet)

File No. 8
File Revision No. 1
Date November 5, 1984

5a. Description of Proposed Resolution

Sargent & Lundy has reviewed the application and has determined that a "discrepancy" does not exist. The separation of the non-Class 1E components from the Class 1E DC power source is achieved by the application of one fuse each in the positive and negative legs of the ungrounded DC circuit as shown on Sargent & Lundy Drawing E03-1DC00, Sheet 6.

Clinton Power Station

Independent Design Review
Standard Distribution List

Director of Nuclear Reactor Regulation
Attn: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

Byron Siegel
Clinton Licensing Project Manager
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U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Fred Christianson
Mail Code V-690
NRC Resident Office
Clinton Power Station
R.R. #3, Box 228
Clinton, Illinois 61727

James L. Milhoan
Section Chief, Licensing Section
Quality Assurance Branch
Office of Inspection and Enforcement
Mail Stop EWS - 305A
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Washington, D.C. 20555

Richard C. Knop
Section Chief
Projects Section 1-C
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Glen Ellyn, Illinois 60137

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Office of the Legal Director
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Assistant Attorney General
Environmental Control Division
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Jean Foy
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Sargent & Lundy Engineers
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