



Commonwealth Edison
 One First National Plaza, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690

July 14, 1981

Mr. Harold R. Denton, Director
 Office of Nuclear Reactor Regulation
 U.S. Nuclear Regulatory Commission
 Washington, DC 20555

Subject: Zion Station Units 1 and 2
 Fire Protection Modifications
NRC Dockets 50-295 and 50-304

Reference (a): February 20, 1981, letter from
 D. G. Eisenhut to All PWR Licensees

(b): June 2, 1981, letter from T. R. Tramm
 to H. R. Denton.

Dear Mr. Denton:

Reference (b) provided additional information requested in reference (a) regarding fire protection modifications at Zion Station. The enclosed drawings provide supplemental details for the response to question 8(c). Attachment A to this letter lists the drawings enclosed.

These drawings are the electrical schematics for installing isolation switches in safe shutdown electrical control circuits for Zion 1. The drawings for Zion 2 are not included because they differ only in the number of component cooling pumps.

One (1) signed original and thirty-nine (39) copies of this letter are being provided. Seven (7) copies of the drawings are enclosed.

Please contact this office if further information is required.

Very truly yours,

T. R. Tramm
 Nuclear Licensing Administrator

Enclosures

cc Zion Resident Inspector

lm

2284N

Handwritten notes:
 A006
 1/7 DRAWGS
 DRWS TO:
 FILES
 BC (2) (5)
 LPDR

Commonwealth Edison Company
Zion Station - Units 1 & 2
Modification No. M-22-1(2)-80-28

LIST OF ELECTRICAL DRAWINGS AFFECTED BY SUBJECT MODIFICATION

ALTERNATE SAFE SHUTDOWN

NOTE: All drawings dated 6-19-81

<u>Drawing No.</u>	<u>Rev.</u>
22E-0-4840, Page CC1	K
22E-0-4840, Page CC2	J
22E-0-4840, Page CC3	L
22E-0-4840, Page CC4	K
22E-0-4840, Page CC5	K
22E-1-4840, Page AP22	H
22E-1-4840, Page AP23	J
22E-1-4840, Page AP24	L
22E-1-4840, Page AP25	P
22E-1-4840, Page AP26	L
22E-1-4840, Page AP28	K
22E-1-4840, Page AP29	L
22E-1-4840, Page AP30	P
22E-1-4840, Page AP31	M
22E-1-4840, Page AP32	J
22E-1-4840, Page AP33	J
22E-1-4840, Page AP34	J
22E-1-4840, Page AP35	P
22E-1-4840, Page AP36	L
22E-1-4840, Page AP37	J
22E-1-4840, Page AV1	E
22E-1-4840, Page AV2	E
22E-1-4840, Page AV7	E
22E-1-4840, Page AV8	E
22E-1-4840, Page FW2	P
22E-1-4840, Page FW3	P
22E-1-4840, Page FW16	P
22E-1-4840, Page FW17	Q
22E-1-4840, Page FW57	M
22E-1-4840, Page MS4	G
22E-1-4840, Page MS5	H
22E-1-4840, Page MS6	G
22E-1-4840, Page MS7	G

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ALTERNATE SAFE SHUTDOWN

NOTE: All drawings dated 6-19-81

<u>Drawing No.</u>	<u>Rev.</u>
22E-1-4840, Page MS95	E
22E-1-4840, Page RC18	G
22E-1-4840, Page RC19	F
22E-1-4840, Page RC45	H
22E-1-4840, Page RC46	H
22E-1-4840, Page RC98	B
22E-1-4840, Page RC200	B
22E-1-4840, Page RH1	J
22E-1-4840, Page RH2	J
22E-1-4840, Page RH5	F
22E-1-4840, Page RH6	G
22E-1-4840, Page RH94	C
22E-1-4840, Page SW1	K
22E-1-4840, Page SW2	K
22E-1-4840, Page SW3	K
22E-1-4840, Page VC1	K
22E-1-4840, Page VC2	K
22E-1-4840, Page VC4	F
22E-1-4840, Page VC5	F
22E-2-4840, Page AP22	G
22E-2-4840, Page AP23	G
22E-2-4840, Page AP24	F
22E-2-4840, Page AP25	F
22E-2-4840, Page AP26	G
22E-2-4840, Page AP28	D
22E-2-4840, Page AP29	G
22E-2-4840, Page AP30	J
22E-2-4840, Page AP31	J
22E-2-4840, Page AP32	F
22E-2-4840, Page AP33	E
22E-2-4840, Page AP34	G
22E-2-4840, Page AP35	C
22E-2-4840, Page AP36	H
22E-2-4840, Page AP37	F

SARGENT & LUNDY
ENGINEERS
CHICAGO

ATTACHMENT A
(S&L Letter Dated 6-19-81)
Date: 6-19-81
Page 3 of 3
Project No. 5607-00

Commonwealth Edison Company
Zion Station - Units 1 & 2
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LIST OF ELECTRICAL DRAWINGS AFFECTED BY SUBJECT MODIFICATION

ALTERNATE SAFE SHUTDOWN

NOTE: All drawings dated 6-19-81

<u>Drawing No.</u>	<u>Rev.</u>
22E-2-4840, Page AV1	E
22E-2-4840, Page AV2	E
22E-2-4840, Page AV7	F
22E-2-4840, Page AV8	E
22E-2-4840, Page FW2	M
22E-2-4840, Page FW3	M
22E-2-4840, Page FW16	N
22E-2-4840, Page FW17	N
22E-2-4840, Page FW57	K
22E-2-4840, Page MS4	H
22E-2-4840, Page MS5	G
22E-2-4840, Page MS6	H
22E-2-4840, Page MS7	G
22E-2-4840, Page MS95	E
22E-2-4840, Page RC18	F
22E-2-4840, Page RC19	E
22E-2-4840, Page RC45	G
22E-2-4840, Page RC46	G
22E-2-4840, Page RC98	B
22E-2-4840, Page RC200	B
22E-2-4840, Page RH1	H
22E-2-4840, Page RH2	H
22E-2-4840, Page RH5	E
22E-2-4840, Page RH6	E
22E-2-4840, Page RH94	C
22E-2-4840, Page SW1	G
22E-2-4840, Page SW2	G
22E-2-4840, Page SW3	H
22E-2-4840, Page VC1	J
22E-2-4840, Page VC2	H
22E-2-4840, Page VC4	C
22E-2-4840, Page VC5	C

Added isolation switches, terminal blocks and breaker control pendant stations.