

CONTROL BLOCK:

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 (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK:

							(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	I	L	8	I	S	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	LICENSEE CODE					14	15	LICENSE NUMBER								25	26	LICENSE TYPE					30	57	CAT	58

CON'T

REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

0 1 L 6 0 5 0 0 0 3 Q 4 7 0 5 2 7 8 3 8 0 6 2 4 8 3 9

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 5/27/83 with Unit Two in Hot Shutdown, and on 5/29/83 with the Unit at 43% power, 2D Steam Generator Steam Flow Channel 2F-533 was observed spiking erratically. These deviations were non-conservative for Hi Steamline Flow Safety Injection and Steam/Feed Flow Mismatch Rx Trip Interlocks. The redundant channels were operable. The health and safety of the public were not affected. Reference previous R.O.# 50-304/81-37.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE							
I	A	E		G		I	N	S	T	R	U	Y		Z							
9	10	11	12	12	13	13	14	14	15	15	16	19	20								
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.													
8	3		0	1	8	/	0	3	L		0										
21	22	23	24	25	26	27	28	29	30	31	32										
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
C		Z		Z		Z		0	0	0	N		Y		N		H	1	2	0	
19	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS	
1 0	On 5/27/83, Flow Square Root Extractor 2FM-533B (Hagan #127-112)
1 1	exhibited erratic behavior and was replaced. On 5/29/83, the same
1 2	module spiked again and was replaced. Subsequent repair on the
1 3	second module replaced, revealed that electronic clock circuitry in
1 4	the Extractor needed re-alignment.

7 8 9
FACILITY STATUS (28) E
% POWER 0 3 9 (29) OTHER STATUS (30) NA
METHOD OF DISCOVERY (31) A DISCOVERY DESCRIPTION (32) Operator Observation

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 10 34 NA

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION	(39)
1	7	0 0 0	(37) 5	(38) NA	

7		8		9		11		12		13	
PERSONNEL INJURIES											
NUMBER						DESCRIPTION					
1	2	0	0	0	40	NA					

8307050088 830824
PDR ADOCK 05000304
S PDR

7	8	9	11	12	
LOSS OF OR DAMAGE TO FACILITY			(43)		
TYPE		DESCRIPTION			
1	9	5	(42)	NA	

IE22 1/1

7 8 9 10

PUBLICITY

ISSUED DESCRIPTION (45)

2 0 N (44) NA

7 8 9 10

68 69

NRC USE ONLY

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10 P. F. Cantwell
NAME OF PREPARER _____

PHONE: (312) 746-2084 X320



Commonwealth Edison
Zion Generating Station
Shiloh Blvd. & Lake Michigan
Zion, Illinois 60099
Telephone 312/746-2084

June 24, 1983

Mr. James G. Keppler
Regional Administrator
Directorate of Inspection and Enforcement
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Reference: Zion Generating Station
Docket No. 50-304/DPR-48
Technical Specification, Section 6.6.2

Dear Mr. Keppler:

The enclosed Licensee Event Report from Zion Generating Station is being transmitted to you in accordance with the requirements of Technical Specifications, Section 6.6.2.b (2). This section states a thirty day written report is required when conditions lead to operation in a degraded mode permitted by a limiting condition for operation or plant shutdown is required by a limiting condition for operation.

This report is number 83-018/03 L-0, Docket No. 50-304/DPR-48.

Very truly yours,

K. L. Graesser
Superintendent
Zion Generating Station

KLG/PFC/gm

Enclosure: Reportable Occurrence Report No. 83-018/03 L-0

cc: J. Waters, NRC Resident Inspector

1E22
JUN 27 1983