

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) BYRON, UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 4 5 4 1				PAGE (3) OF 2									
TITLE (4) FAILURE TO MAINTAIN POSITIVE PRESSURE IN THE CONTROL ROOM AREA																							
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)										
1	1	0	7	8	4	8	4	0	0	5	0	0	1	1	2	7	8	4	0	5	0	0	0
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																					
6		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)		20.405(a)(1)(i)				50.38(c)(1)				50.73(a)(2)(v)				73.71(c)									
0 1 0 1 0		20.405(a)(1)(ii)				50.38(c)(2)				X 50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 388a)									
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)													
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)													
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME James R. Harkness, Technical Staff Engineer, Ext. 382										TELEPHONE NUMBER AREA CODE 8 1 5 2 3 4 - 5 4 4 1													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																							
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS													
A	V	I	x	x	x	x	x	x	x	Y													
SUPPLEMENTAL REPORT EXPECTED (14)																EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR			
YES (If yes, complete EXPECTED SUBMISSION DATE)																NO							

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

It was discovered that a block wall between the Control Room area and the Auxiliary Building was open. A surveillance was run to check for proper pressurization of the Control Room area and to determine what affect this open penetration had on positive pressure requirements. The surveillance failed and the Control Room Ventilation System was declared inoperable. All core alterations were halted. Repairs were made and the surveillance was re-run successfully.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) BYRON, UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 4 5 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 365A's) (17)

During this event, initial fuel loading was in progress on Unit 1 and Unit 2 was still under construction. The Control Room HVAC system consists of 2 redundant equipment trains -- OA and OB.

At 2240 on 11/6/84 it was discovered that a block wall between the Lower Cable Spreading Room and the Auxiliary Building had been opened. This was reported to the Technical Staff on 11/7/84. The Technical Staff realized that with the wall open it was possible there may not be a positive pressure in the Control Room. Therefore, at 0845 on 11/7/84, BVS 7.6.e.3-1 (Control Room Flowrate and Pressurization Surveillance) was performed to determine if positive pressure was being maintained. The surveillance failed and core alterations were ceased immediately in accordance with Technical Specifications.

Construction sealing crews were dispatched to seal the block wall penetration. The entire Control Room pressure boundary was also walked down and two additional leaky penetrations were sealed.

This event did not affect the public safety because there was no irradiated fuel on site.

This was the first time that positive pressure was lost in the Control Room since the Unit 1 Operating License was granted.

Project Construction Department has an administrative procedure in effect to track each Control Room pressure boundary penetration. Construction crews have been reinstructed that no one is to penetrate the pressure boundary for any work without the proper approval.



Commonwealth Edison
Byron Nuclear Station
4450 North German Church Road
Byron, Illinois 61010

November 27, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Dear Sir:

The enclosed Licensee Event Report from Byron Generating Station is being transmitted to you in accordance with the requirements of 10CFR 50.73 (a) (2) (vii) which requires a 30 day written report.

This report is number 84 -005-00, Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

Enclosure: Licensee Event Report No. 84 - 005 - 00

Attachment

cc: J. G. Keppler, NRC Region III Administrator
J. Hinds, NRC Resident Inspector
INPO Record Center
CECO Distribution List

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