

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) BYRON, UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 4 5 4										PAGE (3) 1 OF 2					
TITLE (4) 1A DG LOW FUEL OIL STORAGE TANK LEVELS																									
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	2	8	8	4	8	4	0	1	3	0	0	1	1	2	8	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)																							
5																									
POWER LEVEL (10)		0 0 0																							
		20.402(b)																							
		20.405(a)(1)(i)																							
		20.405(a)(1)(ii)																							
		20.405(a)(1)(iii)																							
		20.405(a)(1)(iv)																							
		20.405(a)(1)(v)																							
		20.405(a)(1)(vi)																							
		20.405(c)																							
		50.36(c)(1)																							
		50.36(c)(2)																							
		50.73(a)(2)(i)																							
		50.73(a)(2)(ii)																							
		50.73(a)(2)(iii)																							
		50.73(a)(2)(iv)																							
		50.73(a)(2)(v)																							
		50.73(a)(2)(vi)																							
		50.73(a)(2)(vii)																							
		50.73(a)(2)(viii)(A)																							
		50.73(a)(2)(viii)(B)																							
		50.73(a)(2)(ix)																							
		73.71(b)																							
		73.71(c)																							
		OTHER (Specify in Abstract below and in Text, NRC Form 366A)																							
LICENSEE CONTACT FOR THIS LER (12)																									
NAME David Lyon, Technical Staff Engineer, Ext. 381															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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
A	D	C	X	X	X	X	X	X	X	X	X	X	X	X	N										
SUPPLEMENTAL REPORT EXPECTED (14)															EXPECTED SUBMISSION DATE (15)					MONTH	DAY	YEAR			
YES (If yes, complete EXPECTED SUBMISSION DATE)															X NO										

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

After running the Diesel Generator for 64 minutes during surveillance testing, the fuel oil level was reduced to 93.5 percent. The recorded fuel oil level was 150 gallons below the Technical Specification limit of 44,000 gallons, or 93.8 percent.

The storage tanks were refilled and the surveillance procedures have been revised to check that running the Diesel Generator during the surveillance would not reduce the fuel oil level below the Technical Specification limit.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

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 8 4 —	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0 1 3	— 0	0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 360A's) (17)

The Diesel Oil System for each Diesel Generator has the capacity to store 50,000 gallons of fuel oil. The transfer pump suction for the Unit 1 tanks leave approximately 4,000 gallons of fuel unusable. The Technical Specifications require 44,000 gallons of fuel oil at all times. This leaves approximately 2,000 gallons of fuel oil for periodic testing.

At 1155 on 11/28/84, with Unit 1 in Mode 5, after a 64 minute surveillance run of the 1A Diesel Generator the fuel oil level was reduced to 93.5 percent. This is approximately 150 gallons short of the 44,000 gallons required by the surveillance. The 1A Diesel Generator was declared inoperable. The 1B Diesel had already been declared inoperable due to the 1B Essential Service Water pump outage. The appropriate Tech. Spec. Action Requirement was performed.

Preparations were made to refill the storage tanks for the 1A Diesel Generator. This was done and the 1A Diesel Generator was declared operable at 1929 on 11/28/84. Both Diesels were inoperable for 7 hours and 34 minutes on Unit 1.

This event did not affect the public's safety because the plant was already in a safe shutdown condition and the fuel in the reactor had not been irradiated.

This is the first time the storage tanks have had a low level since fuel load began.

The surveillance procedures have been revised to have operating check the fuel oil level to ensure that the Technical Specification limit would not be exceeded while performing the surveillance.



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

December 22, 1984

LTR: BYRON 84-1570

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 10CFR50.73 (a)(2)(v) which requires a 30 day written report.

This report is number 84-013-00, Docket No. 50-454.

Very truly yours,

R. E. Querio  
Station Superintendent  
Byron Nuclear Power Station

REQ/vda

Enclosure: Licensee Event Report No. 84-013-00

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

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