NAC Form, Med 19-831 LICENSEE EVENT REPORT (LER)													U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMS NO. 3150-0104 EXPIRES: 8/31/85													
FACILITY	ACILITY NAME (1)												DO	CKET	NUM	BER I	(2)				PAGE (3)					
BYRON, UNIT 1																-	151				1 4	l c	1	1	OF	T
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1A DG LOW FUEL OIL STORAGE TANK EVENT DATE (6) LER NUMBER (6)								T									FACILITIES INVOLVED (8)									
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	SUPPLEMENTAL REPORT EXPECTED (14)											-			CTED			MON	ТН	DA	Y	YEAR				

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.

8501040155 841128 PDR ADOCK 05000454 S PDR

YES (If yes, complete EXPECTED SUBMISSION DATE)

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space type

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NRC Form 366A

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104 EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)			LEE NUMBER (6	PAGE (3)					
		YEA	R	SEQUENTIAL NUMBER		REVISION NUMBER		Г		
BYRON, UNIT 1	0 5 0 0 0 4 5 4	8	4 -	0 1 3	-	10	012	OF	0	12

TEXT (If more space is required, use additional NRC Form 386A'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.

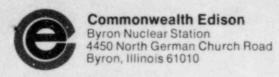
At 1155 on 11/28/84, with Unit 1 in Mode 5, after a 64 minute surveillance run of the 1A Diesel Generator the fuel oil level was reduced to 93.5 percent. This is approximately 150 gallons short of the 44,000 gallons required by the surveillance. The 1A Diesel Generator was declared inoperable. The 1B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

Preparations were made to refill the storage tanks for the lA Diesel Generator. This was done and the lA 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.



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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