

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 0 1
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Title (4) HOURLY FIRE WATCH DELAYED DUE TO SECURITY COMPUTER FAILURE

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)
0 5	1 7	8 5	8 5	0 5 9	0 0	0 6	1 4	8 5		0 5 0 0 0 1 1

OPERATING MODE (9) 3	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)		
POWER LEVEL (10) 0 0 0	20.402(b) _____ 20.405(a)(1)(i) _____ 20.405(a)(1)(ii) _____ 20.405(a)(1)(iii) <input checked="" type="checkbox"/> _____ 20.405(a)(1)(iv) _____ 20.405(a)(1)(v) _____	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)(vii) _____ 50.73(a)(2)(viii)(A) _____ 50.73(a)(2)(viii)(B) _____ 50.73(a)(2)(x) _____
	73.71(b) _____ 73.71(c) _____ Other (Specify in Abstract below and in Text)		

LICENSEE CONTACT FOR THIS LER (12)	
Name ROGER CASSIDY, FIRE MARSHAL, EXT. 2205	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	MANUFAC-TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS
A	/ / /	/ / / / /	/ / / / /	N						

SUPPLEMENTAL REPORT EXPECTED (14)		Expected Submission Date (15)	Month Day Year
<input type="checkbox"/> Yes (If yes, complete EXPECTED SUBMISSION DATE)		<input checked="" type="checkbox"/> NO	

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

On May 17, 1985 a security computer failure required dual verification that security doors were left shut and locked by the fire watch patrols. To provide this dual verification at approximately 2210 hours a security supervisor directed two fire watch patrols to be combined and the two fire watches to walk the combined route jointly believing the time constraints could be met in place of assigning separate security officers. This resulted in one of the two patrol's normal rounds being performed approximately 36 minutes late. The fire watch patrol, had been established due to penetrations in the plant's fire barriers due to construction work in progress. To prevent recurrence, the locks on the security doors have been changed to a self-locking variety, eliminating the requirement of dual verification on a security computer outage. Security supervisors have been directed against revising the established fire watch routes without approval of the Station's Fire Marshal.

The installed fire detection instrumentation systems for the affected areas were operable, insuring that plant and public safety were not affected.

There has been one prior instance of fire watch patrols being delayed due to a security computer failure. This was reported in LER 85-021-00.

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

June 14, 1985

LTR: BYRON 85-0889

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)(i) which requires a 30 day written report.

This report is number 85-059-00; Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Superintendent
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-059-00

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