

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 2

Title (4) MISSED FIRE WATCHES DUE TO AUX BLDG AIRBORNE ACTIVITY

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	2 8	8 5	8 5	0 5 7	0 0	0 6	1 7	8 5		0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9) 1

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.405(a)(1)(1)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.405(a)(1)(11)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	<input type="checkbox"/> Other (Specify
<input type="checkbox"/> 20.405(a)(1)(111)	<input checked="" type="checkbox"/> 50.73(a)(2)(1)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	in Abstract
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(11)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	below and in
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(111)	<input type="checkbox"/> 50.73(a)(2)(x)	Text)

POWER LEVEL (10) 0 7 3

LICENSEE CONTACT FOR THIS LER (12)

Name Roger Cassidy, Fire Marshal, Ext. 2205 TELEPHONE NUMBER 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)

Yes (If yes, complete EXPECTED SUBMISSION DATE)  NO Expected Submission Date (15) Month | Day | Year

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

On May 28, 1985, while in Mode 1 at 73% power, fire watch patrols were restricted from performing their assigned rounds of the Auxiliary Building. The restrictions resulted from ALARA concerns due to a release of gaseous radiation while performing a venting of the Volume Control Tank of the Chemical and Volume Control System. Due to the airborne activity alarms received, personnel access to the Auxiliary Building was restricted to allow the short-lived activity to decay and the affected levels to be surveyed and released to normal usage. Upon restoration, normal fire watches were resumed.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		Year	/	Sequential Number	/	Revision Number											
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TEXT

On May 28, 1985, from 1010 to 1410, fire watch patrols of the Auxiliary Building were prevented from being performed due to ALARA concerns. Routine access to the Auxiliary Building was restricted during this period due to airborne activity that resulted from a venting of the Volume Control Tank of the Chemical and Volume Control System.

During the period that access was restricted, Health Physics personnel were actively surveying the affected areas. This provided a continuing means of notification in the event that a fire occurred. Thus the safety of plant and public was not diminished while the assigned fire watch patrols were unable to perform their rounds.

To prevent future occurrences of this sort of event, the fire watches and security supervisors have been instructed that the fire watch patrols are to don anti-contamination clothing and appropriate respiratory devices to enable them to continue their rounds, when these actions will satisfy the appropriate ALARA concerns.

A previous occurrence of fire watches being prevented due to Auxiliary Building access restrictions was reported in LER 85-043-00.



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

June 17, 1985

LTR: BYRON 85-0907

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 85-057-00; Docket No. 50-454.

Very truly yours,

R. E. Querio  
Station Superintendent  
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-057-00

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

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