

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) FAILURE TO OBTAIN AND ANALYZE SAMPLES REQUIRED BY TECHNICAL SPECIFICATIONS

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 8	1 1	8 5	8 5	0 8 2	0 0	0 9	1 0	8 5		0 5 0 0 0 1 1

OPERATING MODE (9) 1 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)

POWER LEVEL (10) <u>0 9 7</u>	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.36(c)(2)	50.73(a)(2)(vii)	Other (Specify in Abstract below and in Text)
	20.405(a)(1)(iii)	X 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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

Name Jack Kiester, Health Physics Operations Group Leader Ext. 2737 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 NPROS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPROS
A	/ / /	/ / / / /	/ / / / /	N					

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

Several 24 hour grab samples from the Waste Gas System were not obtained and analyzed as required by Technical Specifications upon taking the system analyzers out-of-service. The cause of the missed samples and analysis was due to personnel error. New communication and LCOAR handling mechanisms have been implemented between the Operating and Rad-Chem Departments. These should prevent future recurrence of missed surveillance.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT

On 7/16/85 at 2200, Hydrogen Analyzer OAT-GW8000 was taken out of service. On 7/20/85 at 0720, Oxygen Analyzer OAT-GW8003 was taken out of service. On both occasions, the operating Shift Foreman notified the duty Health Physics Foreman that the Waste Gas System Analyzers were taken out of service and to begin obtaining and analyzing grab samples every 24 hours as required by Technical Specification 3.3.3.10. The Health Physics Foreman added the analyzers to the out of service monitor section of the status board in the Radiation Protection office and initiated the 24 hour grab samples. The plant was in operating Mode 1 and operating at 97% power.

Grab samples were obtained and analyzed as required every 24 hours through 7/27/85 when the two Waste Gas Analyzers were inadvertently erased from the status board and thus the sample surveillance stopped. The dates of the missed surveillances are: 7/28/85, 7/29/85, 7/30/85, 7/31/85, 8/1/85, 8/2/85, and 8/4/85. This condition was discovered while updating Tech Spec Action Requirement Documentation for the H₂ and O₂ analyzers.

This event did not affect plant and public safety since the Auxiliary Building Exhaust System is designed to handle contaminated air following accidents including rupture of a Waste Gas Decay Tank.

A Limiting Condition for Operation Action Requirement (LCOAR) tracking program has been implemented which should prevent recurrence of missed surveillances. Under this new program, when an SRO initiates a LCOAR for an instrument or monitor that is determined to be inoperable and requires a grab sample surveillance to be established, he assembles a LCOAR package, places it in a manila folder and properly labels it. This package consists of a For Information Only copy of the LCOAR procedure, a LCOAR action chart and the necessary data sheets. The Shift Supervisor hand carries the LCOAR package to the Radiation Protection Office and discusses the LCOAR and its' requirements with the duty Health Physics Foreman. The Health Physics Foreman then initiates the necessary grab sample surveillance on the stated frequency from the affected system. The LCOAR packages are all kept in a conspicuous segregated location in the Radiation Protection Office. Once per shift, the duty Health Physics Foreman takes all the current LCOAR packages to the Shift Engineer's Office for an SRO to review the grab sample analysis results to verify the results are acceptable, then signs and dates the LCOAR data sheets. This process continues until an SRO notifies the duty Health Physics Foreman that a LCOAR has been terminated for a particular instrument or monitor that has been returned to service. Grab sampling will then stop and the LCOAR package is returned to the Shift Engineers Office for completion and documentation. This program was discussed individually with each Rad Chem Foreman and each Shift Foreman by the Lead Health Physics Foreman.

Previous occurrences of missed samples required by Tech Spec Action Statements have been reported in LER's 84-007, 84-009, 84-014, 84-015, and 85-001.



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

September 10, 1985

LTR: BYRON 85-1251

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 85-082-00; Docket No. 50-454.

Very truly yours,

R. E. Querio
Station Manager
Byron Nuclear Power Station

REQ/gt

Enclosure: Licensee Event Report No. 85-082-00

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