

LaSalle Station

2601 North 21st Road Marseilles, IL 61341 815 415 2000 Telephone www.exeloncorp.com

10 CFR 50.73

RA12-053

October 30, 2012

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C. 20555

> LaSalle County Station, Unit 2 Facility Operating License No. NPF-18 NRC Docket No. 50-374

Subject: Licensee Event Report 2012-001-00

In accordance with 10 CFR 50.73(a)(2)(v)(D), Exelon Generation Company (EGC), LLC, is submitting Unit 2 Licensee Event Report Number 2012-001-00.

There are no regulatory commitments in this report. Should you have any questions concerning this report, please contact Mr. Stephen T. Shields, Acting Regulatory Assurance Manager at (815) 415-2811.

Respectfully,

Umgar

Harold T. Vinyard Plant Manager LaSalle County Station

Enclosure: Licensee Event Report

cc: Regional Administrator – NRC Region III NRC Senior Resident Inspector – LaSalle County Station

IE22 NRK

Estimated burden per response to comply with this mandatory collect request: 80 hours. Reported lessons learned are incorporated into licensing process and fed back to industry. Send comments regarding burd estimate to the FOIA/Privacy Section (T-5 F53), U.S. Nuclear Regulat commission, Washington, DC 20555-0001, or by internet e-mail infocollects.resource@nrc.gov, and to the Desk Officer of Informat and Regulatory Affairs, NEOB-10202, (3150-0104), Office of Management a collection does not display a currently valid OMB control number, the NRC m	NRC FOR	RM 366			U.S. NUC	LEAR R	GULATO	RY COMM	SSION	APPR	OVED BY OMB: N	O. 3150-0104		EXPIRI	ES: 1	0/31/2013	
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Jeffery C. Williams , Shift Operations Supervisor 13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT CAUSE SYSTEM COMPONENT RANU- FACTURER REPORTABLE TO EPIX CAUSE SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX X LC V P202 Y SYSTEM COMPONENT MANU- FACTURER REPORTABLE TO EPIX X LC V P202 Y IS EXPECTED 14. SUPPLEMENTAL REPORT EXPECTED IS EXPECTED SUBMISSION DATE SUBMISSION DAY YES (If yes, complete 15. EXPECTED SUBMISSION DATE) MON DATE ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) On August 31, 2012, at 09:40 CDT, while blowing down the 2B Diesel Generator (DG) A train Starting Air receiver for preventative maintenance, the receiver pressure decreased below the minimum 165 psig required for DG operability per Technical Specification (TS) 3.8.3, Condition D. The 2B DG was declared inoperable in accordance with TS 3.8.3 Required Action E.1. At 10:2	FACILITY N	AME				1	2. LICEN	SEE CON	FACT F	OR TH	IIS LER	TELEP		(Includ	e Area	Code)	
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On August 31, 2012, at 09:40 CDT, while blowing down the 2B Diesel Generator (DG) A train Starting Air receiver for preventative maintenance, the receiver pressure decreased below the minimum 165 psig required for DG operability per Technical Specification (TS) 3.8.3, Condition D. The 2B DG provides emergency AC power to Division 3, which supplies the High Pressure Core Spray System (HPCS). The 2B DG was declared inoperable in accordance with TS 3.8.3 Required Action E.1. At 10:22 CDT, the A air start train was re-pressurized to greater than 165 psig, and the 2B DG was declared operable The 2B DG was inoperable for approximately 42 minutes.	🗆 YE	S (If yes							×	NO	SUBM	ISSION	MONTH	DA	١Y	YEAR	
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NRC FORM 366A

(10-2010)

LICENSEE EVENT REPORT (LER) CONTINUATION SHEET

1. FACILITY NAME	2. DOCKET		3. PAGE				
LaSalle County Station, Unit 2	05000274		SEQUENTIAL NUMBER	REV NO.	0	05	2
	05000374	2012	- 001 -	0	2	OF	3

NARRATIVE

LaSalle County Station Unit 2 is a General Electric Company Boiling Water Reactor with 3546 Megawatts Rated Core Thermal Power.

A. CONDITION PRIOR TO EVENT:

Unit(s): 2	Event Date: August 31, 2012	Event Time: 09:40 CDT
Reactor Mode(s): 1	Mode(s) Name: Run	Power Level: 100 percent

B. DESCRIPTION OF EVENT:

On August 31, 2012, at 09:40 CDT, while blowing down the 2B Diesel Generator (DG)[EK] A train Starting Air (DG)[LC] receiver for preventative maintenance, the receiver pressure decreased below the minimum 165 psig required for DG operability per Technical Specification (TS) 3.8.3, Condition D. The 2B DG provides emergency AC power to Division 3, which supplies the High Pressure Core Spray System (HPCS)[BG]. The 2B DG was declared inoperable in accordance with TS 3.8.3 Required Action E.1.

At 10:22 CDT, the A air start train was re-pressurized to greater than 165 psig, and the 2B DG was declared operable. The 2B DG was inoperable for approximately 42 minutes.

Because the 2B DG provides emergency power to HPCS, which is a single train system, this occurrence is reportable under 10 CFR 50.73(a)(2)(v)(D) as an event or condition that could have prevented the fulfillment of the safety function of structures or systems that are needed to mitigate the consequences of an accident. The NRC was notified of this occurrence via ENS# 48263 at 16:50 CDT on August 31, 2012.

C. CAUSE OF EVENT:

The cause of the loss of air pressure in the 'A' air start train receiver was degradation of the receiver drain valve. The drain valve was very difficult to operate, which resulted in the receiver air pressure decreasing more than expected when the operator opened it to blow down the receiver.

D. SAFETY ANALYSIS:

The safety significance of this event was minimal. The normal power supply to HPCS remained operable throughout the event. The B train air start system for the 2B DG remained greater than 165 psig and would have started the 2B DG if required.

Additionally, the Reactor Core Isolation Cooling System, Automatic Depressurization System, and the Low Pressure Emergency Core Cooling Systems were operable throughout the event.

NRC FORM 366A

(10-2010)

LICENSEE EVENT REPORT (LER) U.S. NUCLEAR REGULATORY COMMISSION CONTINUATION SHEET

1. FACILITY NAME	2. DOCKET	e	3. PAGE				
LaSalle County Station, Unit 2	05000374	YEAR	SEQUENTIAL NUMBER	REV NO.	3	OF	2
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NARRATIVE

E. CORRECTIVE ACTIONS:

- The receiver drain valve was fully closed, and the A train starting air compressor repressurized the A system receiver.
- The receiver drain valve was replaced on September 14, 2012.

F. PREVIOUS OCCURRENCES:

A search of the LER database going back 10 years found no previous occurrences where low starting air pressure caused the 2B DG to be declared inoperable.

G. COMPONENT FAILURE DATA:

3/4 inch, 2-way ball valve, Pittsburgh Brass MFG, Part # SPE-D5Q-G