



JAN 11 2018

LR-N18-0007

10 CFR 50.73

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Salem Nuclear Generating Station Unit 1  
Renewed Facility Operating License No. DPR-70  
NRC Docket No. 50-272

SUBJECT: LER 272/2016-006-00  
Technical Specification (TS) for Containment Integrity not met

Licensee Event Report, "Technical Specification (TS) for Containment Integrity not met" is submitted pursuant to 10 CFR 50.73 (a)(2)(i)(B), "Any operation or condition which was prohibited by the plant's Technical Specifications....."

Should you have any questions or comments regarding the submittal, please contact Mr. Thomas Cachaza of Regulatory Affairs at 856-339-5038.

There are no regulatory commitments contained in this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "C. McFeaters", with a long horizontal line extending from the end of the signature.

Charles V. McFeaters  
Site Vice President  
Salem Generating Station

Enclosure – LER 272/2016-006-00

Page 2

LR-N18-0007

cc     D. Dorman, Administrator – Region 1  
       C. Parker, Licensing Project Manager – Salem  
       P. Finney, USNRC Senior Resident Inspector – Salem  
       P. Mulligan, Manager, IV, Bureau of Nuclear Engineering  
       T. Cachaza, Salem Commitment Coordinator  
       L. Marabella, Corporate Commitment Coordinator

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## LICENSEE EVENT REPORT (LER)

(See Page 2 for required number of digits/characters for each block)

(See NUREG-1022, R.3 for instruction and guidance for completing this form  
<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1022/r3/>)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the FOIA, Privacy and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [Infocollections.Resource@nrc.gov](mailto:Infocollections.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

## 1. FACILITY NAME

Salem Generating Station – Unit 1

## 2. DOCKET NUMBER

05000272

## 3. PAGE

1 OF 2

## 4. TITLE

Technical Specification (TS) for Containment Integrity not met

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV. NO.	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
12	08	2016	2016	006	00	01	12	2018		05000
9. OPERATING MODE			11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)							
1			<input type="checkbox"/> 20.2201(b)		<input type="checkbox"/> 20.2203(a)(3)(i)		<input type="checkbox"/> 50.73(a)(2)(ii)(A)		<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
			<input type="checkbox"/> 20.2201(d)		<input type="checkbox"/> 20.2203(a)(3)(ii)		<input type="checkbox"/> 50.73(a)(2)(ii)(B)		<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
			<input type="checkbox"/> 20.2203(a)(1)		<input type="checkbox"/> 20.2203(a)(4)		<input type="checkbox"/> 50.73(a)(2)(iii)		<input type="checkbox"/> 50.73(a)(2)(ix)(A)	
			<input type="checkbox"/> 20.2203(a)(2)(i)		<input type="checkbox"/> 50.36(c)(1)(i)(A)		<input type="checkbox"/> 50.73(a)(2)(iv)(A)		<input type="checkbox"/> 50.73(a)(2)(x)	
10. POWER LEVEL  100%			<input type="checkbox"/> 20.2203(a)(2)(ii)		<input type="checkbox"/> 50.36(c)(1)(ii)(A)		<input type="checkbox"/> 50.73(a)(2)(v)(A)		<input type="checkbox"/> 73.71(a)(4)	
			<input type="checkbox"/> 20.2203(a)(2)(iii)		<input type="checkbox"/> 50.36(c)(2)		<input type="checkbox"/> 50.73(a)(2)(v)(B)		<input type="checkbox"/> 73.71(a)(5)	
			<input type="checkbox"/> 20.2203(a)(2)(iv)		<input type="checkbox"/> 50.46(a)(3)(ii)		<input type="checkbox"/> 50.73(a)(2)(v)(C)		<input type="checkbox"/> 73.77(a)(1)	
			<input type="checkbox"/> 20.2203(a)(2)(v)		<input type="checkbox"/> 50.73(a)(2)(i)(A)		<input type="checkbox"/> 50.73(a)(2)(v)(D)		<input type="checkbox"/> 73.77(a)(2)(i)	
			<input type="checkbox"/> 20.2203(a)(2)(vi)		<input checked="" type="checkbox"/> 50.73(a)(2)(i)(B)		<input type="checkbox"/> 50.73(a)(2)(vii)		<input type="checkbox"/> 73.77(a)(2)(ii)	
					<input type="checkbox"/> 50.73(a)(2)(i)(C)		<input type="checkbox"/> OTHER Specify in Abstract below or in NRC Form 366A			

## 12. LICENSEE CONTACT FOR THIS LER

## LICENSEE CONTACT

Thomas J. Cachaza, Senior Regulatory Compliance Engineer

## TELEPHONE NUMBER (Include Area Code)

856 - 339 - 5038

## 13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

## 14. SUPPLEMENTAL REPORT EXPECTED

☒ YES (If yes, complete 15. EXPECTED SUBMISSION DATE)☐ NO

## 15. EXPECTED SUBMISSION DATE

MONTH

DAY

YEAR

04

12

2018

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

On December 8, 2016 the Containment (CTMT) Air Particulate Detector (APD), Normal Containment Isolation Valves (CIV) were closed to support a planned maintenance activity and the Back Up (B/U) manual isolation valves were opened under administrative controls to support continued operation of the APD. The normal isolation valves and the backup isolation valves were restored to their normal positions on January 4, 2017 following completion of the maintenance activity. The B/U isolation valves were open for 27 days.

On November 14, 2017 NRC Integrated Inspection Report 05000272/2017003 was issued documenting a Green Non-Cited Violation (NCV) of Technical Specification (TS) Limiting Condition for Operation (LCO) 3.6.1.1, Containment Integrity. The report states that having the B/U manual CIV's open for 27 days constituted a violation of TS LCO 3.6.1.1, Containment Integrity in that the valves were not operated in an intermittent manner as specified by the TS.

This issue is under review and the results of the review will be published in a supplement to this LER.

**LICENSEE EVENT REPORT (LER)****CONTINUATION SHEET**

(See NUREG-1022, R.3 for instruction and guidance for completing this form  
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1. FACILITY NAME	2. DOCKET	3. LER NUMBER		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER
Salem Generating Station – Unit 1	05000272	2016	006	00

**NARRATIVE****PLANT AND SYSTEM IDENTIFICATION**

Westinghouse-Pressurized Water Reactor {PWR/4}  
Containment Leakage Control System {BD}

**IDENTIFICATION OF OCCURRENCE**

Discovery Date: 11/14/2017  
Event Date: 12/08/16

**CONDITIONS PRIOR TO OCCURRENCE**

Salem Unit 1 was in Mode 1, 100 percent rated thermal power (RTP).

**DESCRIPTION OF OCCURRENCE**

On December 8, 2016 the Containment (CTMT) Air Particulate Detector (APD), Normal Containment Isolation Valves (CIV) were closed to support a planned maintenance activity and the Back Up (B/U) manual isolation valves were opened under administrative controls to support continued operation of the APD. The normal isolation valves and the backup isolation valves were restored to their normal positions on January 4, 2017 following completion of the maintenance activity. The B/U isolation valves were open for 27 days.

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The December 8, 2016 event date is based on the NRC determination that the activity on that date constituted a violation of TS 3.6.1.1

**CAUSE OF EVENT**

This issue is under review and the results of the review will be published in a supplement to this LER.

**SAFETY CONSEQUENCES AND IMPLICATIONS**

This issue is under review and the results of the review will be published in a supplement to this LER.

**SAFETY SYSTEM FUNCTIONAL FAILURE**

This issue is under review and the results of the review will be published in a supplement to this LER.

**PREVIOUS EVENTS**

This issue is under review and the results of the review will be published in a supplement to this LER.

**CORRECTIVE ACTIONS**

This issue is under review and the results of the review will be published in a supplement to this LER.

**COMMITMENTS**

There are no regulatory commitments contained in this LER.