



William G. Hettel  
Columbia Generating Station  
P.O. Box 968, MD PE23  
Richland, WA 99352-0968  
Ph. 509-377-8311 | F. 509-377-4150  
wghettel@energy-northwest.com

November 9, 2017  
GO2-17-184

10 CFR 50.73

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

**Subject: COLUMBIA GENERATING STATION, DOCKET NO. 50-397  
LICENSEE EVENT REPORT NO. 2017-006-00**

Dear Sir or Madam:

Transmitted herewith is Licensee Event Report No. 2017-006-00 for Columbia Generating Station. This report is submitted pursuant to 10 CFR 50.73(a)(2)(i)(B).

There are no commitments being made to the Nuclear Regulatory Commission by this letter. If you have any questions or require additional information, please contact Ms. D.M. Wolfgramm, Regulatory Compliance Supervisor, at (509) 377-4792.

Executed on this 9<sup>TH</sup> day of NOVEMBER, 2017.

Respectfully,

W. G. Hettel  
Vice President, Operations

Attachment: Licensee Event Report 2017-006-00

cc: NRC Region IV Regional Admin  
NRC Region IV Project Manager  
NRC Senior Resident Inspector/988C  
C.D. Sonoda – BPA/1399  
W.A. Horin – Winston & Strawn



**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 Information Services Branch (T-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.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.

<b>1. FACILITY NAME</b> Columbia Generating Station	<b>2. DOCKET NUMBER</b> 05000 397	<b>3. PAGE</b> 1 OF 3
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**4. TITLE**  
CONDITION PROHIBITED BY TECHNICAL SPECIFICATIONS DUE TO INCOMPLETE ACTION STATEMENT

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
09	21	2017	2017	006	00	11	9	2017	FACILITY NAME	DOCKET NUMBER 05000

**9. OPERATING MODE**      **11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)**

<b>1</b>	<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)
<b>10. POWER LEVEL</b>  <b>100</b>	<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 Desiree Wolfgramm, Regulatory Compliance Supervisor	TELEPHONE NUMBER (Include Area Code) (509) 377-4792
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**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**      **15. EXPECTED SUBMISSION DATE**

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

MONTH	DAY	YEAR

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

On September 21, 2017 at 0800 PDT, Columbia Generating Station declared number 2 Diesel Generator inoperable for maintenance and entered Technical Specification Action Statement (TSAS) 3.8.1, Condition B for One Required Diesel Generator inoperable. At 0821 PDT and again at 1537 PDT Surveillance Requirement 3.8.1.1 was performed per action statement B.1. At 2315 PDT it was noted by operations that a page was missing from the surveillance procedure for both occurrences and determined that the action statement was not met within the required action time. Operations entered TSAS 3.8.1, Condition F for Required Action and associated Completion Time of Condition B not being met. AT 2321 PDT SR 3.8.1.1 was performed satisfactorily and Condition F was exited.

The apparent cause was a failure to page check the surveillance procedure prior to use. Initiatives have been developed to reinforce existing standards and improve human performance.

This event is reportable in accordance with 10 CFR 50.73(a)(2)(i)(B) Operation or Condition Prohibited by Technical Specifications.



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

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<b>1. FACILITY NAME</b> Columbia Generating Station	<b>2. DOCKET NUMBER</b> 05000- 397	<b>3. LER NUMBER</b>		
		<b>YEAR</b> 2017	<b>SEQUENTIAL NUMBER</b> 006	<b>REV NO.</b> 00

**NARRATIVE**

**PLANT CONDITIONS**

At the time of the event, Columbia Generating Station (Columbia) was in Mode 1 operating at 100% reactor power. Number 2 Diesel Generator [EK] [DG] (DG2) was out of service.

**EVENT DESCRIPTION**

On September 21, 2017 at 0800 PDT, Columbia declared DG2 inoperable for maintenance and entered Technical Specification Action Statement (TSAS) 3.8.1, Condition B for One Required Diesel Generator inoperable. At 0821 PDT and again at 1537 PDT Surveillance Requirement (SR) 3.8.1.1 was performed to satisfy TSAS 3.8.1, Condition B action statement B.1. At 2315 PDT it was noted by operations that a page was missing from the surveillance procedure used to satisfy SR 3.8.1.1. For both occurrences the action statement was not met within the required action time. Operations entered TSAS 3.8.1, Condition F for Required Action and Associated Completion Time of Condition B not being met. AT 2321 PDT SR 3.8.1.1 was performed satisfactorily and TSAS 3.8.1 Condition F was exited.

**CAUSE**

The direct cause was due to pages sticking together when the surveillance procedure was being copied for use. The apparent cause was the failure to perform a page check of the procedure prior to use. The contributing cause was the reviewing supervisors failure to verify completeness and accuracy of the surveillance once it was completed.

**EXTENT OF CONDITION**

A review of recently performed on demand procedures was conducted and no instances of missing pages was noted.

**COMPLETED CORRECTIVE ACTIONS**

Missing pages were added, the procedure was performed, and SR 3.8.1.1 was completed satisfactorily.

Individual contributor culpability was evaluated and initiatives were developed to reinforce existing standards for performing page checks and to improve human performance.

**PLANNED CORRECTIVE ACTIONS**

Brief operations personnel on lessons learned from the event.

**ASSESSMENT OF SAFETY CONSEQUENCES**

The off site power alignment surveillance is performed to ensure the electrical system will function as designed when required. The missing page of the surveillance contains steps that must be performed to satisfy a TS surveillance requirement. Since these steps were not performed within the required time frame, the station did not meet the required action of the Limiting Condition for Operation (LCO) to perform SR 3.8.1.1. Compliance with LCOs is necessary to ensure



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		<b>YEAR</b> 2017	<b>SEQUENTIAL NUMBER</b> 006	<b>REV NO.</b> 00

**NARRATIVE**

the plant is operated above minimum requirements for ensuring safe operation of the facility. There were no actual safety consequences as a result of this event as it was administrative in nature and the required breaker alignment was verified to have been correct for the affected period.

**PREVIOUS OCCURENCES**

A review of Columbia LERs for the past three years did not identify similar events where human performance issues caused the station to not meet TSASs.

**ENERGY INDUSTRY IDENTIFICATION**

Energy Industry Identification System (EIIS) Information codes from IEEE Standards 805-1984 and 803-1983 are represented in brackets as [XX] and [XXX] throughout the body of the narrative.