



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

March 1, 2017

Mr. Mark E. Reddemann  
Chief Executive Officer  
Energy Northwest  
MD 1023  
76 North Power Plant Loop  
P.O. Box 968  
Richland, WA 99352

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR COLUMBIA GENERATING STATION  
(REPORT 05000397/2016006)**

Dear Mr. Reddemann:

On February 16, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance assessment of Columbia Generating Station, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016, through December 31, 2016. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at Columbia Generating Station, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2018. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (817) 200-1148 with any questions you have regarding this letter.

Sincerely,

***/RA/***

Jeremy R. Groom, Chief  
Project Branch A  
Division of Reactor Projects

Docket Nos. 05000397  
License Nos. NPF-21

Enclosure:  
Columbia Generating Station Inspection/  
Activity Plan

ANNUAL ASSESSMENT LETTER FOR COLUMBIA GENERATING STATION  
(REPORT 05000397/2016006) DATED MARCH 1, 2017

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OFFICE	SPE: DRP/A	D:DRS	DD:DRP	C: DRP/A		
NAME	RAlexander	AVegel	RLantz	JGroom		
SIGNATURE	/RA/	/RA JClark for/	/RA/	/RA/		
DATE	02/16/2017	2/23/17	2/27/17	2/13/17		

OFFICIAL RECORD COPY

**Columbia Generating Stati**  
**Inspection / Activity Plan**  
 01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>EXAM - INITIAL EXAM</b>		<b>4</b>
2	01/23/2017	01/27/2017	X02586	INITIAL EXAM CGS (02/2017)	
2	02/27/2017	03/09/2017	X02586	INITIAL EXAM CGS (02/2017)	
			<b>SITSCRAM - SPECIAL INSP - SCRAM W/ COMPLICATIONS</b>		<b>2</b>
2	01/08/2017	06/10/2017	IP 93812	Special Inspection	
			<b>EP-1 - BIENNIAL EP PROGRAM INSPECTION</b>		<b>1</b>
2	01/30/2017	02/03/2017	IP 7111402	Alert and Notification System Testing	
2	01/30/2017	02/03/2017	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	01/30/2017	02/03/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	01/30/2017	02/03/2017	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			<b>EP-2 - EP PERFORMANCE INDICATOR VERIFICATION</b>		<b>1</b>
2	01/30/2017	02/03/2017	IP 71151-EP01	Drill/Exercise Performance	
2	01/30/2017	02/03/2017	IP 71151-EP02	ERO Readiness	
2	01/30/2017	02/03/2017	IP 71151-EP03	Alert & Notification System Reliability	
			<b>TSB 52B - BIENNIAL PI&amp;R</b>		<b>5</b>
2	02/13/2017	02/17/2017	IP 71152B	Problem Identification and Resolution	
2	02/27/2017	03/03/2017	IP 71152B	Problem Identification and Resolution	
			<b>71111.08 - INSERVICE INSPECTION</b>		<b>1</b>
2	05/22/2017	05/26/2017	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>RS 12 PI - RADIATION SAFETY</b>		<b>2</b>
2	05/22/2017	05/26/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	05/22/2017	05/26/2017	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/22/2017	05/26/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	05/22/2017	05/26/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>RS 5678 - RS TEAM</b>		<b>4</b>
2	09/11/2017	09/15/2017	IP 71124.05	Radiation Monitoring Instrumentation	
2	09/11/2017	09/15/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	09/11/2017	09/15/2017	IP 71124.07	Radiological Environmental Monitoring Program	
2	09/11/2017	09/15/2017	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>EB1-17T - CGS 50.59 EVALUATIONS OF CHANGES, TEST,</b>		<b>3</b>
2	10/02/2017	10/06/2017	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			<b>EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
2	04/09/2018	04/13/2018	IP 7111105T	Fire Protection [Triennial]	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

Columbia Generating Stati  
 Inspection / Activity Plan  
 01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			<b>EB2-05T</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	<b>4</b>
2	04/23/2018	04/27/2018	IP 7111105T	Fire Protection [Triennial]	
			<b>EP-1</b>	<b>- EP EXERCISE INSPECTION</b>	<b>4</b>
2	03/26/2018	03/30/2018	IP 7111401	Exercise Evaluation	
2	03/26/2018	03/30/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			<b>EP-3</b>	<b>- EP PERFORMANCE INDICATORS</b>	<b>1</b>
2	03/26/2018	03/30/2018	IP 71151-EP01	Drill/Exercise Performance	
2	03/26/2018	03/30/2018	IP 71151-EP02	ERO Readiness	
2	03/26/2018	03/30/2018	IP 71151-EP03	Alert & Notification System Reliability	
			<b>EB1-07T</b>	<b>- CGS HEAT SINK PERFORMANCE</b>	<b>1</b>
2	05/14/2018	05/18/2018	IP 7111107T	Heat Sink Performance	
			<b>RS 24</b>	<b>- RAD SAFETY</b>	<b>2</b>
2	05/21/2018	05/25/2018	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/21/2018	05/25/2018	IP 71124.04	Occupational Dose Assessment	
			<b>RS 13PI</b>	<b>- RAD SAFETY</b>	<b>2</b>
2	09/10/2018	09/14/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	09/10/2018	09/14/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	09/10/2018	09/14/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	09/10/2018	09/14/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			<b>BRQ</b>	<b>- BRQ INSPECTION</b>	<b>3</b>
2	10/15/2018	12/31/2018	IP 7111111B	Licensed Operator Requalification Program	
			<b>EB1-21N</b>	<b>- CGS DESIGN BASES PROGRAMS INSPECTION</b>	<b>3</b>
2	10/22/2018	11/09/2018	IP 7111121N	Component Design Bases Inspection (Programs)	

Comments:

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