



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

March 4, 2019

Mr. Brad Sawatzke, Chief Executive Officer  
Energy Northwest  
MD 1023  
P.O. Box 968  
Richland, WA 99352

SUBJECT: ANNUAL ASSESSMENT LETTER FOR COLUMBIA GENERATING STATION  
(REPORT 05000397/2018006)

Dear Mr. Sawatzke:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Columbia Generating Station, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2018, through December 31, 2018. 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, 2020. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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. You should be aware that the agency has proposed changes regarding engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections") and is drafting proposed changes to the ROP for Commission consideration. Should the Commission approve changes to the ROP, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 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.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)." Further it is anticipated that the NRC staff will also complete Temporary Instruction 2515/193, "Inspection of the Implementation of EA-13-109: Order

Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation Under Severe Accident Conditions,” during this period. This inspection will be scheduled and completed at Columbia Generating Station to confirm the station’s full implementation of Commission Order EA-13-109, once your staff submits the applicable compliance letter and final integrated plan, which is anticipated later this year.

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/

Mark S. Haire, Chief  
Project Branch A  
Division of Reactor Projects

Docket No. 50-397  
Licenses No. NPF-21

Enclosure:  
Inspection Plan

# IP 22 Inspection Activity Plan Report

## Columbia Generating Station

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>CGS 2019 INITIAL EXAM</b>						4
2	01/27/2019	02/02/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	02/24/2019	03/02/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>EP PROGRAM INSPECTION</b>						1
2	01/28/2019	02/01/2019	IP 71114.02	000717	Alert and Notification System Testing	
2	01/28/2019	02/01/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
2	01/28/2019	02/01/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2	01/28/2019	02/01/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
2	01/28/2019	02/01/2019	IP 71151	001397	Performance Indicator Verification	
<b>CGS 2019 PI&amp;R INSPECTION</b>						4
2	03/04/2019	03/08/2019	IP 71152B	000747	Problem Identification and Resolution	
2	03/18/2019	03/22/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>INSERVICE INSPECTION RF24</b>						1
2	05/12/2019	05/25/2019	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RP INSPECTION (1,2) - RFO</b>						2
2	05/20/2019	05/24/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	05/20/2019	05/24/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Security Access Control .02</b>						1
2	07/15/2019	07/19/2019	IP 71130.02	000734	Access Control	
2	07/15/2019	07/19/2019	IP 71151	001338	Performance Indicator Verification	
<b>COLUMBIA DBA TEAMS INSPECTION</b>						8
2	08/05/2019	08/23/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Security Protective Strategy .05</b>						2
2	08/12/2019	08/16/2019	IP 71130.05	000737	Protective Strategy Evaluation	
<b>RP TEAM INSPECTION</b>						4
2	11/04/2019	11/08/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
2	11/04/2019	11/08/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
2	11/04/2019	11/08/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

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01/01/2019 - 12/31/2020

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<b>RP TEAM INSPECTION</b>						4
2	11/04/2019	11/08/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>MAT'L CONTROL &amp; ACCOUNTING</b>						1
2	11/04/2019	11/08/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>TI 2515/194</b>						1
2	11/18/2019	11/22/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
<b>CGS 2019 BRQ</b>						2
2	12/01/2019	12/07/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>EP Exercise and PI Inspection</b>						4
2	03/23/2020	03/27/2020	IP 71114.01	000716	Exercise Evaluation	
2	03/23/2020	03/27/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2	03/23/2020	03/27/2020	IP 71151	001397	Performance Indicator Verification	
<b>Columbia Generating Station - Evaluations of Changes, Tests, and Experiments</b>						3
2	04/13/2020	04/17/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>RS13PI Radiation Safety</b>						2
2	04/13/2020	04/17/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	04/13/2020	04/17/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>Cyber Security Inspection</b>						2
2	06/22/2020	06/26/2020	IP 71130.10P	000741	Cyber Security	
2	07/06/2020	07/10/2020	IP 71130.10P	000741	Cyber Security	
<b>RS24 Radiation Safety</b>						2
2	07/27/2020	07/31/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2	07/27/2020	07/31/2020	IP 71124.04	000728	Occupational Dose Assessment	

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## Columbia Generating Station

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Columbia Generating Station - Heat Sink Performance (Triennial)</b>						2
2	08/17/2020	08/21/2020	IP 71111.07T	000700	Heat Sink Performance -Triennial	

ANNUAL ASSESSMENT LETTER FOR COLUMBIA GENERATING STATION  
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**ADAMS ACCESSION NUMBER: ML19057A608**

☒ SUNSI Review      ADAMS:      ☐ Non-Publicly Available      ☒ Non-Sensitive      Keyword:  
By: RDA/rdr      ☒ Yes    ☐ No      ☒ Publicly Available      ☐ Sensitive      NRC-002

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