



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 2, 2014

Mr. Mark E. Reddemann,
Chief Executive Officer
Energy Northwest
P. O. Box 968 (Mail Drop 1023)
Richland, WA 99352-0968

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR COLUMBIA GENERATING
STATION (REPORT 05000397/2014006)**

Dear Mr. Reddemann,

On August 14, 2014, the NRC completed its mid-cycle performance review of Columbia Generating Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2013 through June 30, 2014. This letter informs you of the NRC's assessment of Columbia Generating Station during this period and its plans for future inspections at your facility.

The NRC determined that overall, Columbia Generating Station operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Columbia Generating Station during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 reflect this revision to Inspection Manual Chapter (IMC) 0310. Cross-cutting aspects identified in 2013 using the 2013 terminology were converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The NRC identified a cross-cutting theme in the Resolution aspect (P.3). Specifically, during the assessment period, four findings were assigned the cross-cutting aspect of P.3. The NRC determined that a substantive cross-cutting issue (SCCI) associated with P.3 does not exist because the NRC does not have a concern with your staff's scope of effort and progress in addressing the cross-cutting theme. Your staff identified the theme, entered it into the corrective action program, evaluated it and have identified and implemented corrective actions

to address the theme. The NRC will continue to monitor your staff's effort and progress in addressing the theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through December 31, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security related inspections, which will be sent via separate, non-publicly available correspondence.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is being coordinated with your staff. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

In accordance with 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).

Sincerely,

/RA/

James F. Drake
Chief, Branch D
Division of Reactor Projects

Docket No. 50-397
License No: NPF-21

Enclosure: Columbia Generating Station
Inspection/Activity Plan

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Chief, Branch D
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Enclosure: Columbia Generating Station Inspection/Activity Plan

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ADAMS ACCESSION NUMBER: ML14239A430

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DATE	8/21/14	8/21/14	8/22/14				

Letter to Mark E. Reddemann from James F. Drake dated September 2, 2014

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR COLUMBIA GENERATING
STATION (REPORT 05000397/2014006)

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Electronic Distribution for Columbia Generating Station

Columbia Generating Stati

Inspection / Activity Plan

09/01/2014 - 12/31/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EXAM - INITIAL OPERATOR EXAM		5
2	03/30/2015	04/04/2015	X02543	INITIAL EXAM CGS(4/2015)	
2	04/27/2015	05/08/2015	X02543	INITIAL EXAM CGS(4/2015)	
			EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59		3
2	09/22/2014	09/26/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
2	10/06/2014	10/10/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			INSP - BIENNAIL REQUAL INSPECTION		3
2	12/01/2014	12/05/2014	IP 7111111B	Licensed Operator Requalification Program	
			EP-1 - BIENNIAL EP PROGRAM INSPECTION		1
2	03/16/2015	03/20/2015	IP 7111402	Alert and Notification System Testing	
2	03/16/2015	03/20/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	03/16/2015	03/20/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	03/16/2015	03/20/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			EP-2 - EP PERFORMANCE INDICATORS		1
2	03/16/2015	03/20/2015	IP 71151-EP01		
2	03/16/2015	03/20/2015	IP 71151-EP02		
2	03/16/2015	03/20/2015	IP 71151-EP03		
			71111.08 - INSERVICE INSPECTION		1
2	05/18/2015	05/22/2015	IP 7111108G	Inservice Inspection Activities - BWR	
			RS 12 PI - RADIATION SAFETY		2
2	05/18/2015	05/22/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	05/18/2015	05/22/2015	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/18/2015	05/22/2015	IP 71151-OR01		
2	05/18/2015	05/22/2015	IP 71151-PR01		
			EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION		4
2	08/17/2015	08/21/2015	IP 7111105T	Fire Protection [Triennial]	
2	08/31/2015	09/04/2015	IP 7111105T	Fire Protection [Triennial]	
			RS 5678 - RADIATION SAFETY - TEAM		4
2	09/21/2015	09/25/2015	IP 71124.05	Radiation Monitoring Instrumentation	
2	09/21/2015	09/25/2015	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	09/21/2015	09/25/2015	IP 71124.07	Radiological Environmental Monitoring Program	
2	09/21/2015	09/25/2015	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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