



ENERGY NORTHWEST

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April 20, 2011
GO2-11-082

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

Subject: **COLUMBIA GENERATING STATION, DOCKET NO. 50-397
ENVIRONMENTAL AUTHORIZATIONS FOR CGS OPERATIONS**

- References: 1) Letter, GO2-10-11, dated January 19, 2010, WS Oxenford (Energy Northwest) to NRC, "License Renewal Application"
- 2) E-mail dated March 23, 2011, D Doyle (NRC) to AA Mostala (Energy Northwest), "Environmental Authorizations for Current CGS Operations"

Dear Sir or Madam:

By Reference 1, Energy Northwest requested the renewal of the Columbia Generating Station (CGS) operating license. In Reference 2, the Nuclear Regulatory Commission (NRC) requested updated information related to environmental authorizations for CGS.

Enclosed herewith is an update to Table 9.1-1 of the CGS Environmental Report (ER) that was included with the license renewal application (Reference 1). This table lists the environmental authorizations issued to Energy Northwest to support operation of CGS. The table mark-up is notated as Amendment 32 to the license renewal application.

If you have any questions or require additional information, please contact Abbas Mostala at (509) 377-4197.

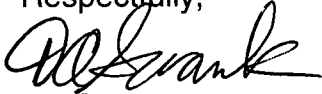
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ENVIRONMENTAL AUTHORIZATIONS FOR CGS OPERATIONS

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I declare under penalty of perjury that the foregoing is true and correct. Executed on the date of this letter.

Respectfully,



DA Swank

Acting Vice President, Engineering

Enclosure: CGS ER Table 9.1-1 Environmental Authorizations
for Current CGS Operations

cc: NRC Region IV Administrator
NRC NRR Project Manager
NRC Senior Resident Inspector/988C
EFSEC Manager
RN Sherman – BPA/1399
WA Horin – Winston & Strawn
D Doyle - NRC NRR (w/encl)
BE Holian - NRC NRR
RR Cowley – WDOH

Table 9.1-1. Environmental Authorizations for Current CGS Operations

Agency	Authority	Requirement	Number	Issue or Expiration Date	Activity Authorized
U.S. Nuclear Regulatory Commission	Atomic Energy Act (42 USC 2011, et seq.), 10CFR50.10	License to operate	NPF-21	Issued: 12/20/1983 Expires: 12/20/2023	Operation of CGS
US Dept. of Energy	Atomic Energy Community Act of 1955	Lease contract	AT(45-1)-2269	Issued: 12/10/1971 Expires: Parcel A 01/01/2022; Parcel B 01/01/2052	Construction and operation of CGS on USDOE land
US Dept. of Energy	42 USC 2201(q)	Easement		Issued: 06/16/1981	Use of USDOE land for CGS access road
US Dept. of Energy	42 USC 2201(q)	Easement	Contract R006-02ES-14208	Issued: 06/11/2002 Expires: 06/11/2012	Use of USDOE land for CGS security barrier
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	State permit to construct and operate	N/A	Issued: 05/17/1972	Construction and operation of CGS
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	122	Issued: 06/27/1977	Multipurpose use of cooling water
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	244	Issued: 08/22/1988	Site restoration plan
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	260	Issued: 01/13/1992	Radiological environmental monitoring program

Table 9.1-1. Environmental Authorizations for Current CGS Operations
(continued)

Agency	Authority	Requirement	Number	Issue or Expiration Date	Activity Authorized
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	273	Issued: 09/12/1994	Reactor power uprate from 3,323 MW thermal (MWt) to 3,486 MWt
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	288	Issued: 11/10/1997	Operation of inert waste landfill
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	295	Issued: 09/11/2000	Construction and operation of ISFSI
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	299	Issued: 08/3/2001	Onsite disposal of cooling system sediment
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	300	Issued: 09/10/2001	Operation of sanitary waste treatment facility
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	302	Issued: 12/15/2003	Fulfillment of wildlife mitigation requirements
Washington Energy Facility Site Evaluation Council	RCW 80.50, WAC Title 463	Resolution	303	Issued: 02/18/2003	Construction and operation of hydrogen storage facility
Washington Energy Facility Site Evaluation Council	Clean Water Act (33 USC 1251), RCW 90.48, WAC 173-216, 173-220, & 463-76	Permit	WA-002515-1	Issued: 05/25/2006 Expires: * 05/25/2011	Wastewater discharge

* On 11/19/10 EN submitted an application for renewal. By letter dated 12/29/10 EFSEC acknowledged receipt and advised that processing of the application would be suspended until the cooling water discharge could be characterized after replacement of the CGS steam condenser. The condenser will be replaced during the Spring 2011 maintenance and refueling outage. As allowed by Washington Administrative Code sections 173-220-180(5) and 463-76-061(4), the current permit remains in effect.

Table 9.1-1. Environmental Authorizations for Current CGS Operations
(continued)

Agency	Authority	Requirement	Number	Issue or Expiration Date	Activity Authorized
U.S. Army Corps of Engineers	Sec. 10 of Rivers and Harbors Act (33 USC 403), 33 CFR 330	Permit	071-OYC-1-000221-75-9	Issued: 03/14/1975	Construction and maintenance of river intake and discharge structures
Washington Department of Natural Resources	RCW 79.90 & 79.96	Easement	51-076659	Issued: 04/02/2005 Expires: 04/01/2035	Use of aquatic lands (riverbed and shoreline) for construction and operation of in-river structures
Washington Department of Ecology	RCW 90.03, 90.16, & 43.21A, WAC 173-152 & 508-12	Certificate	S3-20141C	Issued: 02/04/1983	Withdrawal and consumption of surface water
Washington Department of Ecology	RCW 90.03, 90.16, & 43.21A, WAC 173-152 & 508-12	Certificate	G3-20142C	Issued: 02/05/1979	Withdrawal and consumption of groundwater
Washington Department of Ecology	RCW 70.105, WAC 173-303-060	Notification of Regulated Waste Activity	WAD980738488	Issued: 08/11/1982	Hazardous waste generation and accumulation
Washington Energy Facility Site Evaluation Council	RCW 70.94 & 80.50, WAC 173-401-300, 173-400-091 & 463-39.	Order	672	Issued: 01/08/1996	Air emissions
Washington Energy Facility Site Evaluation Council	RCW 70.94 & 80.50, WAC 173-400, 173-460, and 463-39	Order	837	Issued: 02/11/2009	Air emission from painting and blasting
Washington Department of Health (through Dept of Licensing)	RCW 70.98, WAC 246-224	Registration	03311	Annual registration (typically expiring in August)	Operation of miscellaneous X-ray sources

Expires:
06/30/11

Table 9.1-1. Environmental Authorizations for Current CGS Operations
(continued)

Agency	Authority	Requirement	Number	Issue or Expiration Date	Activity Authorized
Washington Department of Ecology (through Dept of Licensing)	RCW 90.76, WAC 173-360	Registration	034 003 333	Annual registration (typically expiring in January)	Operation of underground storage tanks
				Expires: 06/30/11 →	
Washington Department of Health	RCW 70.119A, WAC 246-294	Permit	920240	Annual registration (typically expiring in November)	Operation of public water system
				Expires: 11/30/11 →	
Washington Department of Health	WAC 246-292	Certification	11452	Annual renewal (typically expiring in January)	Operation of public water system
				Expires: 12/31/11 →	
Washington Department of Ecology	WAC 173-230	Certification	5835	Annual renewal (typically expiring in December)	Operation of wastewater treatment system
				Expires: 12/31/11 →	
Washington Department of Ecology	WAC 173-300	Certification	42551	Expires: 04/08/10	Operation of solid waste landfill
				Expires: 04/08/13 →	
Washington Department of Ecology	RCW 43-200, WAC 173-326	Permit	G1018	Annual permit (typically expiring in February)	Use of commercial low-level radwaste disposal facility
				Expires: 02/29/12 →	
Washington Department of Ecology	WAC 173-50	Certification	11242	Annual renewal (typically expiring in August)	Operation of accredited laboratory
				Expires: 08/07/11 →	
Washington Department of Health	WAC 246-232	License	WN-L0217-1	Expires: 01/31/10	Use of radioactive material in laboratory
				Expires: 01/31/16 →	