

STATE OF WASHINGTON
ENERGY FACILITY SITE EVALUATION COUNCIL
P. O. BOX 43172
OLYMPIA, WASHINGTON 98504-3172

In the Matter of:

COLUMBIA GENERATING STATION

COUNCIL ORDER No. 873

**Order on Request to Operate Multiple
Diesel-fired Combustion Units to Provide
Steam and Emergency Power.**

Regulatory Authority:

Pursuant to the Energy Facility Site Evaluation Council (EFSEC) Revised Code of Washington (RCW) 70.94.141, RCW 70.94.331, RCW 80.50, Washington Administrative Code (WAC) 173-400-091, WAC 173-401-300, and Chapter 463-78 WAC, EFSEC now finds the following:

Findings:

1. Energy Northwest (EN) is the operator of the Columbia Generating Station (CGS), an electric generating plant located on the Hanford Site in Benton County, Washington.
2. CGS has multiple diesel-fired combustion units to provide steam and emergency power.
3. The combustion units have the potential to emit nitrogen oxides and carbon monoxide pollutants that exceed the threshold given in WAC 173-401-300, Applicability, and therefore, would be required to obtain an Operating Permit in accordance with WAC 173-401, Operating Permit Regulation.
4. EN has requested EFSEC limit the combustion units' potential to emit nitrogen oxides and carbon monoxide, pollutants to levels agreed to by the EN and EFSEC.

Order:

THEREFORE, IT IS ORDERED by EFSEC in relation to the above that EN's CGS combustion units be operated subject to the conditions described below. Order 873 replaces Order 672 issued January 8, 1996 and updates the air monitoring requirements for the equipment listed in Sections 2.1 and 2.4 of this Order to reflect current regulatory requirements.

*Council Order No. 873, Columbia Generating Station,
Order to Operate Multiple Diesel-fired Combustion
Units to Provide Steam and Emergency Power.*

1.0 GENERAL APPROVAL CONDITIONS

1.1 Effective date

The effective date of this authorization shall be that as signed in Section 3.0. All references to procedures or test methods shall be those in effect as of the effective date of this ORDER.

2.0 OPERATIONAL LIMITATIONS AND ADDITIONAL REQUIREMENTS

2.1 That the run time for each of the emergency power generators (DG1, DG2, DG3, and DG5) shall not exceed the following hours on an annual basis.

Emergency Power Generator	12-month Rolling Sum Limit (Hours)
Diesel Generator 1	484 Hours
Diesel Generator 2	484 Hours
Diesel Generator 3	484 Hours
Diesel Generator 5	100 Hours

2.2 That the emergency power generator run times shall be reported on a 12-month rolling sum basis using run time hour meters.

2.3 The total emergency power generator run times on a 12-month rolling basis shall be reported by the end of September every year. The reported values will include values for each month as well as the calculation of the 12-month rolling total for each month.

2.4 That the annual usage of diesel fuel for the auxiliary boiler shall not exceed 730,000 gallons.

2.5 That the auxiliary boiler fuel consumption shall be reported on a 12 month rolling sum basis.

2.6 The total auxiliary boiler volumetric usage on a 12-month rolling basis shall be reported by the end of September every year. The reported values will include values for each month as well as the calculation of the 12-month rolling total for each month.

2.7 The above cap is based upon calculative methods. A 90 ton per year emissions target was used for the cap to allow for a 10 ton per year buffer between the calculated emissions and the operating permit emissions threshold of 100 tons per year. Adjustments to the cap that will exceed the 90 ton per year emissions target may be made by issuing another separate Order in accordance with WAC 173-400-091. Issuing another separate Order in accordance with WAC 173-400-091 may be done if more refined calculation or testing is conducted or justification is made that 100 tons per year would not be exceeded. A Notice of Construction will not be required for this instance if this is the sole reason for requesting a change to the terms of the Order.

2.8 If EN determines that it no longer wants to limit emissions below the 100 tons per year threshold, it must submit an operating permit application in accordance with WAC 173-401. Until an operating permit is issued, Energy Norwest will continue to be bound by this Order.

3.0 APPROVAL ORDER AND RESTRICTIONS

Any application form, report, or compliance certification submitted pursuant to this Order shall contain certification by a responsible official of truth, accuracy, and completeness.

Nothing in this Order alters the facility's obligation to comply with other laws, including air laws and regulations, except that EN's application for, receipt of, and compliance with this order exempts EN from the requirements to obtain an Operating Permit. Any violation of such rules and regulations or of the terms of this approval, including but not limited to exceedances of emissions limits demonstrated by source testing or emissions calculations, shall be subject to the sanctions provided in Chapter 70.94 RCW.

The provisions of this authorization are severable and, if any provision of this authorization, or application of any provisions of this authorization to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this authorization, shall not be affected thereby.

Any person feeling aggrieved by this ORDER may obtain review thereof by application, within thirty (30) days of receipt of this ORDER to the Energy Facility Site Evaluation Council, P. O. Box 43172, Olympia, Washington 98504-3172. These procedures are consistent with the provisions of Chapter 43.21B RCW and the rules and regulations adopted thereunder.

DATED at Olympia, Washington this ____ day of _____, ____.

FOR THE WASHINGTON STATE ENERGY FACILITY SITE EVALUATION COUCIL.

Philip M. Gent, P.E.
Washington State Department of Ecology

Bill Lynch
EFSEC Chairman

ATTEST:

Stephen Posner
EFSEC Manager
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