

**WASHINGTON STATE
ENERGY FACILITY SITE EVALUATION COUNCIL**

**RESOLUTION NO. 303
ENERGY NORTHWEST – COLUMBIA GENERATING STATION
HYDROGEN STORAGE AND SUPPLY FACILITY**

WHEREAS, Energy Northwest is a certificate holder and subject to Energy Facility Site Evaluation Council (Council's) rules; and

WHEREAS, The Council authorizes the environmental conditions of plant operation as described in the Columbia Generating Station Site Certification Agreement (SCA); and

WHEREAS, Energy Northwest on January 13, 2003, submitted to the Council a request for review and approval of plans to construct a liquid hydrogen storage and supply facility that is proposed to be part of a hydrogen water chemistry system at Columbia Generating Station; and

WHEREAS, Energy Northwest discussed in its January 13, 2003, submittal to the Council that hydrogen water chemistry has been endorsed and encouraged by the Nuclear Regulatory Commission and industry as means to prevent and mitigate intergranular stress corrosion cracking in reactor internal components and piping welds; and

WHEREAS, Energy Northwest discussed in its January 13, 2003, submittal to the Council that the proposed bulk hydrogen storage facility will consist of a fenced gravel yard with concrete pads constructed to accommodate a liquid hydrogen tank, nitrogen tank, and all supporting piping and equipment necessary to supply Columbia Generating Station with gaseous hydrogen; and

WHEREAS, Energy Northwest included a SEPA Checklist in its January 13, 2003, submittal to the Council which provided supporting evidence that construction of the proposed liquid hydrogen storage and supply facility would not have a probable significant adverse impact on the environment; and

WHEREAS, The Council on January 28, 2003, made a Determination of Nonsignificance (DNS) which concluded that the proposal by Energy Northwest to install a liquid hydrogen storage and supply facility at Columbia Generating Station does not have a probable significant adverse impact on the environment; and

WHEREAS, The proposed hydrogen storage and supply facility will be designed and constructed in full accordance with applicable safety codes and standards for the protection of the health and safety of the public and plant personnel; and

WHEREAS, The Council concludes that Energy Northwest's proposal to construct and operate a hydrogen storage and supply facility in support of Columbia Generating Station operations is consistent with the public health, safety, and welfare; the applicable laws; and the intent of the original SCA.

NOW, THEREFORE, BE IT RESOLVED, That the Energy Facility Site Evaluation Council hereby approves Energy Northwest's request to construct a liquid hydrogen storage and supply facility at Columbia Generating Station (Columbia), subject to the provisions of Energy Northwest's January 13, 2003 proposal and the commitments therein; the Columbia SCA; and Council rules.

Dated and effective this 18th day of February, 2003.

Washington State Energy Facility Site Evaluation Council

By: _____
Charles J. Carelli, EFSEC Acting Chair

Attest: _____
Allen J. Fiksdal, EFSEC Manager