NORTHWEST
AIR POLLUTION AUTHORITY

1600 South Second Street
Mount Vernon, WA 98273-5202
Tel: (360) 428-1617 / Fax: (360) 428-1620

Serving Island, Skagit and Whatcom Counties

January 6, 1998

Kathryn A. Souders
Environmental Director
Naval Air Station, Whidbey Island
Code N44, Building 119
1100 W. Lexington Street
Oak Harbor, WA 98278-3800

ORDER OF APPROVAL TO CONSTRUCT No. 642

Dear Ms. Souders:

On December 16, 1997 you submitted a "Notice of Construction and Application for Approval" to the Northwest Air Pollution Authority (NWAPA) for approval to install one diesel-fired standby emergency generator (rated 350 kW) at the Naval Air Station, Whidbey Island. This Order of Approval to Construct provides formal regulatory approval for the emergency generator. The generator will be designated as ICE-0198-02, and will replace generator ICE-0198-01 (150 kW).

The information submitted was reviewed to determine that all known, available, and reasonable air pollution control measures are employed. Best Available Control Technology for the generator is the use of low sulfur diesel fuel. The project was reviewed and evaluated subject to NWAPA Regulation Section 300 and 302, WAC 173-400-110, and WAC 173-460. A Determination of Nonsignificance was issued by the NWAPA on January 6, 1998.

You are hereby granted approval to install the standby emergency generator in the NWAPA jurisdiction subject to the following conditions:

1. The standby emergency generator shall operate without producing visible emissions of greater than ten percent opacity for more than three minutes in any hour as measured by Department of Ecology method 9A.

2. The standby emergency generator shall not operate greater than four thousand (4,000) hours per year, including testing time. Annual records of the number of operating hours shall be recorded and made available to the NWAPA upon request. These records shall be retained for three years.

3. The diesel fuel used by the generator shall contain 0.05 % by weight sulfur, or less. A fuel specification sheet from the fuel supplier shall be made available to NWAPA personnel upon request.

Final approval to operate will be conditioned upon the facility meeting the requirements described above and conditions set forth in the application and the applicable air pollution control regulations when in actual operation.

The standby emergency generator will be included in the next annual site inspection. A "Certificate of Approval to Operate" will be issued after we determine that the process was installed in accordance with the plans and specifications submitted with the application and can operate in compliance with the regulations of this Authority and the conditions of approval.

Please call Anne Naismith if you have any questions about the approval of this project. A statement for the Plan, Examination, Evaluation and Inspection Fee of $150 has been enclosed.

Sincerely,

Terryl L. Nyman
Air Pollution Control Officer

Reviewed by: Anne Naismith, P.E. A.N.

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