NORTHWEST
AIR POLLUTION AUTHORITY

302 Pine Street, #207
Mount Vernon, WA 98273-3852
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Representing Island, Skagit and Whatcom Counties

May 1, 1995

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

ORDER OF APPROVAL TO CONSTRUCT No. 551

Dear Ms. Souders:

On April 24, 1995 you submitted a "Notice of Construction and Application for Approval" to the Northwest Air Pollution Authority (NWAPA) for approval to install nine diesel-fired standby emergency generators ranging from 350 kW to 770 kW at the Naval Air Station, Whidbey Island. This Order of Approval to Construct provides formal regulatory approval for the nine standby generators which are already existing at the Naval Air Station, Whidbey Island. The generators are at the following locations:

Building No.	Building Name
382	Main Galley
385	Message Center
976	Data Processing
993	Hospital - Addition
2508	Transmitter Generator Building
2700	Naval Ocean Processing Facility (4 generators)

The information submitted was reviewed to determine that all known, available, and reasonable air pollution control measures are employed. BACT for the generators 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 NWAPA on May 1, 1995.

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

1. The project shall be constructed and operated in accordance with the information submitted with the Notice of Construction and Application for Approval.

2. The standby emergency generators 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.

3. The four Naval Ocean Processing Facility standby generators (each at 770 kW rated power) shall not operate greater than two thousand, five hundred (2,500) hours per year per generator, including testing time. Annual records of hours run shall be recorded and made available to NWAPA personnel upon request. These records shall be retained for three years.

4. The five standby generators located at buildings 382, 385, 976, 993, and 2508 (rated power from 350 to 545 kW) shall not operate greater than four thousand, five hundred (4,500) hours per year per generator, including testing time. Annual records of hours run shall be recorded and made available to NWAPA personnel upon request. These records shall be retained for three years.

5. 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 nine standby generators 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 $400 has been enclosed.

Sincerely,

Terryl L. Nyman
Air Pollution Control Officer

Reviewed by: Anne Naismith, P.E.

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