

7 May 2004

Mr. David Dorocz
Naval Station Newport
Environmental Department Head
690 Peary Street
Newport, RI 02841-1522

Dear Mr. Dorocz:

The Department of Environmental Management, Office of Air Resources has reviewed and approved your application for the installation of temporary fuel burning equipment at your facility. The equipment is to be located at Building 86, Coaster's Harbor Island.

Enclosed is a minor source permit issued pursuant to our review of your application (Approval No. 1801-1802).

I can be reached at 401-222-2808, extension 7011 if you have any questions.

Sincerely,

Douglas L. McVay
Associate Supervising Engineer
Office of Air Resources

cc: Michelle Davis

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES

MINOR SOURCE PERMIT

NAVAL STATION NEWPORT

APPROVAL NOs. 1801-1802

Pursuant to the provisions of Air Pollution Control Regulation No. 9, this minor source permit is issued to:

NAVAL STATION NEWPORT

For the following:

Installation of two 18.1 MMBTU/hr Kewanee boilers, in Building 86, Coaster's Harbor Island fired natural gas. This is a temporary installation.

Located at: *Naval Station Newport*

This permit shall be effective from the date of its issuance and shall remain in effect until revoked by or surrendered to the Department. This permit does not relieve *Naval Station Newport* from compliance with applicable state and federal air pollution control rules and regulations. The design, construction and operation of this equipment shall be subject to the attached permit conditions and emission limitations.

Stephen Majkut, Chief
Office of Air Resources

Date of Issuance

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES**

Permit Conditions and Emission Limitations

NAVAL STATION NEWPORT

APPROVAL NOs. 1801-1802

A. Emission Limitations

1. Nitrogen oxides (as nitrogen dioxide (NO₂))

The emission rate of nitrogen oxides discharged to the atmosphere from each boiler shall not exceed 0.10 lbs per million BTU heat input or 1.81 lbs/hr, whichever is more stringent.

2. Carbon Monoxide (CO)

The emission rate of carbon monoxide discharged to the atmosphere from each boiler shall not exceed 0.084 lbs per million BTU heat input or 1.52 lbs/hr, whichever is more stringent.

3. Total Nonmethane Hydrocarbons (NMHC)

The emission rate of total nonmethane hydrocarbons discharged to the atmosphere from each boiler shall not exceed 0.006 lbs per million BTU heat input or 0.11 lbs/hr, whichever is more stringent.

4. Visible emissions from each boiler stack shall not exceed 10% opacity (6-minute average).

B. Operating Requirements

1. The maximum firing rate of each boiler shall not exceed 17,745.1 ft³/hr of natural gas.

2. The owner/operator shall tune each boiler at least once each year of operation, in accordance with the procedure described in Appendix A of APC Regulation No. 27.

C. Record Keeping and Reporting

1. The owner/operator shall notify the Office of Air Resources in writing of the date of actual initial start-up of each boiler no later than fifteen days after such date.
2. The owner/operator shall, on a monthly basis, no later than 5 days after the first of the month, determine the total quantity of fuel combusted in the boilers for the previous 12 months. The owner/operator shall keep records of this determination and provide such records to the Office of Air Resources upon request.
3. The owner/operator shall notify the Office of Air Resources in writing of the date of removal of the temporary boilers no later than fifteen days after such date.
4. The owner/operator shall maintain records verifying that a tune-up has been performed in accordance with Condition B.2 of this permit. These records shall include the following information:
 - a. The date the tune-up was performed,
 - b. The name of the person who performed the tune-up,
 - c. The final excess oxygen setting, and
 - d. The O₂/CO curve or O₂/smoke curve that has been developed as part of a tune-up procedure.
5. The owner/operator shall notify the Office of Air Resources in writing of any planned physical or operational change to any equipment that would:
 - a. Change the representation of the facility in the application.
 - b. Alter the applicability of any state or federal air pollution rules or regulations.
 - c. Result in the violation of any terms or conditions of this permit.
 - d. Qualify as a modification under APC Regulation No. 9.

Such notification shall include:

- Information describing the nature of the change.
- Information describing the effect of the change on the emission of any air contaminant.
- The scheduled completion date of the planned change.

Any such change shall be consistent with the appropriate regulation and have the prior approval of the Director.

6. The owner/operator shall notify the Office of Air Resources of any anticipated noncompliance with the terms of this permit or any other applicable air pollution control rules and regulations.
9. The owner/operator shall notify the Office of Air Resources, in writing, of any noncompliance with the terms of this permit within 30 calendar days of becoming aware of such occurrence and supply the Director with the following information:
 - a. The name and location of the facility;
 - b. The subject source(s) that caused the noncompliance with the permit term;
 - c. The time and date of first observation of the incident of noncompliance;
 - d. The cause and expected duration of the incident of noncompliance;
 - e. The estimated rate of emissions (expressed in lbs/hr or lbs/day) during the incident and the operating data and calculations used in estimating the emission rate;
 - f. The proposed corrective actions and schedule to correct the conditions causing the incidence of noncompliance.
10. All records required in this permit shall be maintained for a minimum of five years after the date of each record and shall be made available to representatives of the Office of Air Resources upon request.

D. Other Permit Conditions

1. To the extent consistent with the requirements of this permit and applicable federal and state laws, the facility shall be designed, constructed and operated in accordance with the representation of the facility in the permit application.
2. Employees of the Office of Air Resources and its authorized representatives shall be allowed to enter the facility at all times for the purpose of inspecting any air pollution source, investigating any condition it believes may be causing air pollution or examining any records required to be maintained by the Office of Air Resources.
3. At all times, including periods of startup, shutdown and malfunction, the owner/operator shall, to the extent practicable, maintain and operate the boilers identified in this permit in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Office of Air Resources which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures and inspection of the source.

4. The boilers subject to the requirements of the Federal New Source Performance Standards § 40 CFR 60, Subparts A (General Provisions) and Dc (Small Industrial-Commercial-Institutional Steam Generating Units). Compliance with all applicable provisions of these regulations is required.

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