STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION | AUGUSTA, MAINE 04333-0017
DEPARTMENT ORDER

Rumford Power LLC	**Departmental**
Oxford County	**Findings of Fact and Order**
Rumford, Maine	**Air Emission License**
A-724-77-5-M	**NSR #5**

Findings of Fact

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (the Department) finds the following facts:

I. Registration

A. Introduction

Facility	Rumford Power LLC
License Type	06-096 C.M.R. ch. 115, Minor Revision
NAICS Codes	221112
Nature of Business	Electric Power Generation
Facility Location	43 Industrial Park Road, Rumford, Maine

This license completes the processing of the application with the submission number 604369, as assigned by the Department (accepted 10/7/2026).

B. NSR License Description

Rumford Power LLC (RP) has requested a license amendment to extend the period to commence construction on the ULSD Project.

C. Emission Equipment

The following equipment is addressed in this NSR license:

Equipment	Max. Heat Input Capacity	Max. Firing Rate	Output	Fuel Type	Mfr. Date	Install. Date
Combustion Turbine	1,975 MMBtu/hr	1.94 MMcf/hr	197 MW	Natural Gas	1998	1999
Combustion Turbine	2,111 MMBtu/hr	15,134 gal/hr	197 MW	Distillate Fuel	1998	1999

D. Revision Description and Best Available Control Technology Analysis

The Department issued New Source Review (NSR) minor modification A-724-77-2-A to RP on 11/14/2023, for the ULSD Project, which included modification of the Combustion Turbine to fire distillate fuel in addition to natural gas. This NSR license was later revised in NSR minor revision A-724-77-3-M (issued 5/2/2024). RP was granted an extension to the construction period of the ULSD Project in NSR minor revision A-724-77-4-M (issued 6/16/2025).

Condition (1) of NSR License A-724-77-4-M states:

(1) The Department grants a construction timeframe extension to RP to commence construction on the ULSD Project as described in A-724-77-2-A (11/14/2023) and A-724-77-3-M (5/3/24). If RP does not commence construction within 18 months of the issuance date of this NSR amendment, approval to construct shall become invalid, and RP shall be required to apply for a license amendment to extend the construction period further and may be required to re-address BACT for licensed emissions sources. [06-096 C.M.R. ch. 115 § (3)(E)(5)(c)]

The air emission license thereby anticipates that additional time to commence construction may be needed and provides the licensee the ability to request an extension provided BACT for the licensed emissions unit is re-evaluated.

The Department has considered the information provided in RP's license amendment application along with current ambient air quality standards and the current state of technology. The results of the BACT analysis submitted in support of the ULSD Project remain unchanged as no new technically feasible control technologies have since been developed, and RP selected the highest level of technically feasible control for each pollutant. Further, there have been no changes to applicable ambient air quality standards that would necessitate an update to the ambient air quality impact analysis. The Department therefore finds there is no justification to require either an update of the control technology analysis or the ambient air quality impact analysis at this time. The BACT analysis results are restated below, to identify no changes in determination are applicable since the issuance of NSR License A-724-77-2-A (11/24/2023).

1. Particulate Matter (PM, PM_{10}, $PM_{2.5}$)

The Department finds the firing of distillate fuel with a sulfur content not to exceed 0.0015% by weight, an annual operating limit for distillate fuel of 500 hours/year, and the following emission limits to represent BACT for particulate matter emissions from the Combustion Turbine when firing distillate fuel:

Units	$PM/PM_{10}/PM_{2.5}$
lb/MMBtu	0.017
lb/hr	35.89

These standards shall apply at all times. Compliance with the particulate matter limits shall be demonstrated through performance testing upon request by the Department.

Compliance with the annual operating limit for distillate fuel shall be demonstrated by records of all operating hours for the Combustion Turbine and the fuel type being fired during those hours. Time when the Combustion Turbine is starting up or shutting down while firing distillate fuel shall be included in this total.

Visible emissions from the Combustion Turbine shall not exceed 20% opacity on a six-minute block average basis. [06-096 C.M.R. ch. 101, § 4(A)(4)]

By accepting an annual limit on distillate fuel firing of 500 hours per year, the Combustion Turbine remains below the annual capacity factor for non-gaseous fuels for which operation of a Continuous Opacity Monitoring System (COMS) would be required for all applicable requirements.

2. Sulfur Dioxide (SO_2)

The Department finds the firing of distillate fuel with a sulfur content not to exceed 0.0015% by weight, an annual operating limit for distillate fuel of 500 hours/year, and emission limits of 0.0015 lb/MMBtu and 3.17 lb/hr to represent BACT for SO_2 emissions from the Combustion Turbine when firing distillate fuel. This standard shall apply at all times.

These standards shall apply at all times. Compliance with the SO_2 limits is based on recordkeeping documenting the amount and sulfur content of the distillate fuel fired.

Compliance with the annual operating limit for distillate fuel shall be demonstrated by records of all operating hours for the Combustion Turbine and the fuel type being fired during those hours. Time when the Combustion Turbine is starting up or shutting down while firing distillate fuel shall be included in this total.

3. Nitrogen Oxide (NO_x)

The Department finds the use of SCR and water injection for control of NO_x emissions and the following emission limits to represent BACT for NO_x emissions from the Combustion Turbine when firing distillate fuel:

Units	NO_x	NH_3
ppmdv @ 15% O_2 (24-hour block average)	5.0	5.0
lb/hr (1-hour block average)	41.05	15.20

The NO_x standard applies at all times except for periods of startup and shutdown. The NH_3 standard applies at all times.

During periods of startup and shutdown when firing distillate fuel, emissions of NO_x from the Combustion Turbine shall not exceed 300 ppmdv at 15% O_2 averaged over the duration of the startup/shutdown period.

The applicable distillate fuel-fired NO_x emission limit will apply during any operating period in which both natural gas and distillate fuel are fired e.g., during fuel transition.

Compliance with the NO_x ppmdv emission limit shall be demonstrated by operation of a NO_x CEMS. Compliance with the NH_3 ppmdv emission limit shall be demonstrated by operation of an NH_3 CEMS. Compliance with the lb/hr emission limits shall be demonstrated through performance testing upon request by the Department.

4. Carbon Monoxide (CO) and Volatile Organic Compounds (VOC)

The Department find the use of an oxidation catalyst for control of emissions of CO and VOC and the following emission limits to represent BACT for emissions of CO and VOC from the Combustion Turbine when firing distillate fuel:

Units	CO	VOC
ppmdv @ 15% O_2	5.0 (24-hour block average)	2.0 (1-hour block average)
lb/hr	24.99 (1-hour block average)	4.33 (1-hour block average)

The CO standards apply at all times except for periods of startup and shutdown. The VOC standards apply at all times.

During periods of startup when firing distillate fuel, emissions of CO from the Combustion Turbine shall not exceed 1,000 ppmdv at 15% O_2 averaged over the duration of the startup period. During periods of shutdown when firing distillate fuel, emissions of CO from the Combustion Turbine shall not exceed 1,500 ppmdv at 15% O_2 averaged over the duration of the shutdown period.

The applicable distillate fuel-fired CO emission limit will apply during any operating period in which both natural gas and distillate fuel are fired e.g., during fuel transition.

Compliance with the CO ppmdv emission limit shall be demonstrated by operation of a CO CEMS. Compliance with the CO lb/hr emission limit and the VOC emission limits shall be demonstrated through performance testing upon request by the Department.

The Department finds that an extension is justified based on RP's stated need for additional time due to uncertainty associated with an ownership transition involving RP's parent company, Cogentrix. Cogentrix is currently expected to be acquired by a different entity in late 2026, and additional time is needed to determine whether the new ownership will proceed with the ULSD Project.

The Department has reviewed the BACT analysis submitted by RP and finds the emission control technologies and standards listed above, which are identical to those in Air Emission License A-724-77-2-M, continue to be appropriate.

The Department hereby extends the allowable period to commence construction of the air emission sources at the facility 18 months from the date of issuance of this NSR license amendment.

E. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the issued date of this license.

The application submitted by RP does not violate any applicable federal or state requirements and does not reduce monitoring, reporting, testing, or recordkeeping requirements.

The proposed revision is not a modification and does not change any of the facility's emission limits. Therefore, the NSR license is determined to be a minor revision under *Minor and Major Source Air Emission License Regulations* 06-096 C.M.R. ch. 115. The procedures found in 06-096 C.M.R. ch. 115 can be utilized to process this application since the proposed revision not prohibited by the Part 70 air emission license.

F. Annual Emissions

This license amendment will not change the facility's licensed annual emissions.

Order

The Department hereby grants New Source Review Minor Revision A-724-77-5-M pursuant to the preconstruction licensing requirements of 06-096 C.M.R. ch. 115 and subject to the specific conditions below.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

Specific Conditions

(1) The Department grants a construction timeframe extension to RP to commence construction of the ULSD Project as described in A-724-77-2-A (11/14/2023), A-724-77-3-M (05/02/2024), and A-724-77-4-M (06/16/2025). If RP does not commence construction within 18 months of the issuance date of this NSR license, approval to construct shall become invalid, and RP shall be required to apply for a license amendment to extend the construction period further and may be required to re-address BACT for licensed emissions sources. [06-096 C.M.R. ch. 115, § 3(E)(5)(c)]

Done and Dated in Augusta, Maine this 30th day of OCTOBER, 2026.

Department of Environmental Protection

BY: _____
for Melanie Loyzim, Commissioner

Please note attached sheet for guidance on appeal procedures.

Date of initial receipt of application: October 7, 2026
Date of application acceptance: October 7, 2026

This Order prepared by Zac Hicks, Bureau of Air Quality.