



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID P. LITTELL  
COMMISSIONER

**Rumford Paper Company  
Oxford County  
Rumford, Maine  
A-214-77-9-M**

**Departmental  
Findings of Fact and Order  
New Source Review  
Amendment #8**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

**I. REGISTRATION**

A. Introduction

FACILITY	Rumford Paper Company (The Mill)
PART 70 LICENSE NUMBER	A-214-70-A-I
LICENSE TYPE	Chapter 115 Minor Revision
NAICS CODES	322121
NATURE OF BUSINESS	Pulp & Paper Manufacturer
FACILITY LOCATION	Rumford, Maine
NSR AMENDMENT ISSUANCE DATE	January 8, 2010

B. Amendment Description

Rumford Paper Company (The Mill) has requested a minor revision to their air emission license to establish state and federally enforceable emission limits for NO<sub>x</sub>, SO<sub>2</sub>, and PM for Power Boiler #5 that are below the applicability threshold for Best Available Retrofit Technology (BART).

A facility is determined to have BART eligible sources if the following criteria are met (40 CFR Part 51 Subpart P and Appendix Y):

1. The facility falls into one of the 26 source specific categories identified in the Clean Air Act of 1977,
2. The facility has emission units that were not in operation prior to August 7, 1962 but were in existence on August 7, 1977, and
3. The facility has the potential to emit more than 250 tons per year of a single visibility impairing pollutant from the units listed in (2) above. (Visibility impairing pollutants include SO<sub>2</sub>, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>.)

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Power Boiler #5 is currently a BART eligible source per these requirements. The boiler began construction in 1971 and was placed in operation in 1972. This boiler is licensed to emit greater than 250 ton per year of visibility impairing pollutants.

The Mill has requested the following state and federally enforceable license limits be imposed on Power Boiler #5:

Pollutant	Power Boiler #5 (Proposed Future Limits) ton/year
PM	250.0
SO <sub>2</sub>	250.0
NO <sub>x</sub>	250.0

As a result, Power Boiler #5 will no longer be a BART eligible unit per 38 MRSA §603-A, sub-§8 and 40 CFR Part 51, Subpart P.

#### C. Application Classification

The application for The Mill does not violate any applicable federal or state requirements and does not reduce monitoring, reporting, testing or record keeping. There is no physical modification being done to Boiler #5 and there will be no increase in any regulated pollutant. This order modifies a Best Available Control Technology (BACT) analysis performed per New Source Review and will be submitted as part of the Regional Haze State Implementation Plan.

This modification is determined to be a minor revision under *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 24, 2005) and has been processed as such.

**ORDER**

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-214-77-9-M pursuant to the preconstruction licensing requirements of 06-096 CMR 115 and subject to the standard and special conditions below.

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

**The following are New NSR Conditions:**

(11) Power Boiler #5 Annual Limits

- A. Power Boiler #5 shall not exceed the following emission limits on a 12-month rolling total basis [06-096 CMR 115, BACT]:

<b>Pollutant</b>	<b>Ton/Year</b>
PM	250.0
SO <sub>2</sub>	250.0
NO <sub>x</sub>	250.0

- B. Compliance with the SO<sub>2</sub> and NO<sub>x</sub> ton/year emission limits shall each be demonstrated by means of a CEMS. [06-096 CMR 115, BACT]

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C. Compliance with the PM ton/year emission limits shall each be demonstrated by records of fuel use and emission factors based on the most recent stack test results for the boiler. [06-096 CMR 115, BACT]

DONE AND DATED IN AUGUSTA, MAINE THIS 8th DAY OF January, 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brackett  
DAVID P. LITTELL, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 9/17/09

Date of application acceptance: 9/21/09

Date filed with the Board of Environmental Protection:

This Order prepared by Lynn Ross, Bureau of Air Quality.

