



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI  
GOVERNOR

BETH NAGUSKY  
Acting COMMISSIONER

**Verso Bucksport, LLC  
Hancock County  
Bucksport, Maine  
A-22-77-5-M**

**Departmental  
Findings of Fact and Order  
Regional Haze  
Best Available Retrofit Technology**

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	Verso Bucksport LLC (Verso)
PART 70 LICENSE NUMBER	A-22-70-A-I
LICENSE TYPE	06-096 CMR 115, Minor Revision
NAICS CODES	322121
NATURE OF BUSINESS	Groundwood and thermomechanical pulp, paper making
FACILITY LOCATION	Main Street, Bucksport, Maine
ISSUANCE DATE	November 2, 2010

**B. Amendment Description**

Verso Bucksport, LLC (Verso) 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 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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Boiler #5 is currently a BART eligible source per these requirements. The boiler was placed in operation in 1966. This 371 MMBtu/hr boiler is licensed to emit greater than 250 ton per year of visibility impairing pollutants.

Verso has requested the following state and federally enforceable license limits be imposed on Power Boiler #5 with the caveat below:

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

The above licensed allowed from boiler #5 will be limited to 250 tons/year, unless a catastrophic event necessitates the use of Boiler #5 for a protracted amount of time. Examples of a catastrophic event include, but are not limited to: complete failure/malfunction of the gas turbine requiring months of repair, extended interruption of the natural gas supply to the gas turbine, operational problems with Boiler #8 requiring extended downtime, etc. The tons/year limits will take effect 5 years from the date EPA approves Maine's Regional Haze State Implementation Plan (SIP) submittal.

As a result of the tons/year limits, 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 Verso 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 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-22-77-5-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 conditions:**

(1) Boiler #5 Annual Limits

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

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

- B. Compliance with the ton/year emission limits shall each be demonstrated by records of fuel use and emission factors. [06-096 CMR 115, BACT]
- C. The tons/year emission limits shall go into effect 5 years from the date of EPA's approval of Maine's Regional Haze SIP submittal. [06-096 CMR 115, BACT]

- (2) Per 40 CFR Part 51 §51.308(e)(1)(v), Verso Bucksport shall maintain the control equipment required by BART and establish procedures to ensure such equipment

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is properly operated and maintained. This condition shall go into effect 5 years from the date of EPA's approval of Maine's Regional Haze SIP submittal. [Per 40 CFR Part 51 §51.308(e)(1)(v)]

DONE AND DATED IN AUGUSTA, MAINE THIS *2nd* DAY OF *November*, 2010.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Bucksport*  
BETH NAGUSKY, ACTING COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date filed with the Board of Environmental Protection:

This Order prepared by Kathleen E. Tarbuck, Bureau of Air Quality.

