

YRCAA
Public Information Request

Yakima County Clean Air Authority
NC-05-94

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Notice of Construction for Weyerhaeuser Paper Company Plant Expansion

Applicant: Weyerhaeuser Paper Company
P.O. Box 1322
Yakima, WA 98907

To be located at: Weyerhaeuser Paper Company, 600 West Ahtanum Road, Yakima. (Taxation Parcel Numbers; 191206-41020, 191206-41021, 191206-41420, 191206-41418 and 191206-41417.)

Description of proposal:

1. The Weyerhaeuser Paper Company Plant Expansion (Plant Expansion) at the above referenced site, consists of the addition of a new 600 hp steam boiler to replace the existing 400 hp boiler, the addition of a new corrugated paper finishing machine and starch mixing equipment. The modifications and equipment additions or changes shall be preformed per the attached plans and documentation as submitted by the Weyerhaeuser Paper Company, received 3/11/94 and 4/21/94. This Plant Expansion qualifies as a source of air contaminants as allowed under Washington Administrative Code (WAC) 173-400, August 20, 1993.
2. The Plant Expansion will generate measurable quantities of small particulates (PM₁₀) and volatile organic compounds (VOC's). The area in which this proposal is located has been determined to be non-attainment with state and federal air quality standards for PM₁₀, but in attainment with all other state and federal national air quality standards.
3. The proposed Plant Expansion shall comply with all requirements as specified in compliance with all current state laws and regulations, including RCW 70.94 (Clean Air Washington Act), WAC 173-400 (General Regulations for Air Pollution Sources), WAC 173-460 (Controls for New Sources of Toxic Air Pollution) and 40 CFR Part 60 Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), as required.
4. The Plant Expansion will generate the following additional maximum emissions:

<u>Pollutant</u>	<u>Estimated Tons/Year</u>
PM ₁₀	1.056
Total VOC's	0.1434
Formaldehyde (CAS No. 50-00-0)	0.0064

The above emissions are based upon the current operation schedule at the Weyerhaeuser Paper Company.

5. As required by WAC 173-400-112, August 20, 1993, this Plant Expansion shall use Best Available Control Technology (BACT) to control emissions. The proposed boiler shall be equipped with a low nitrogen oxides emitting flue gas recirculation (FGR) system, a high efficiency burner and combustion controls specified by the manufacturer to emit less than 0.043 pounds of nitrogen oxides per million BTU's of fuel input as shown in the attached calculations. The boiler shall use distillate oil as auxiliary fuel with a maximum sulfur content of 0.5 percent by weight, as proposed in the supporting Weyerhaeuser Paper Company documentation received 3/11/94, 4/21/94 and the O&M procedures referenced herein. Also as proposed, the Plant Expansion will utilize a cyclone system as shown in the supporting Weyerhaeuser Paper Company documentation received 3/11/94, 4/21/94 and the O&M procedures referenced herein.
6. As required by WAC 173-460-060, February 10, 1994, this Plant Expansion will use Best Available Control Technology for Toxic Air Pollutants (T-BACT). The emissions from the application of water based lap glue adhesive and corrugator thermosetting resin will be minimized by the use of handling and application practices detailed in the O&M procedures referenced herein.

Approval Conditions:

1. Opacity as measured by 40 CFR Part 60, Appendix A, Method 9, July 1, 1992. from processes affected by this Plant Expansion shall never exceed a ten percent (10%) average for three minutes, excepting condensed water vapor excepting as noted in 40 CFR 60.43c(d), including opacity from sawdust conveying and handling systems. There shall be no visible emissions from this facility or its operations, impacting beyond the property boundary.
2. Site-specific operations and maintenance (O&M) procedures for all equipment that has the potential to affect emissions to the atmosphere shall be developed and followed. Procedure development shall be completed prior to the Plant Expansion start-up, and a copy shall be sent to Yakima County Clean Air Authority (YCCAA) at that time. The O&M documents shall be updated to reflect any modifications of the Plant Expansion or operating procedures. Previously submitted information may be referenced in conjunction with a more comprehensive O&M plan.
3. All equipment that may generate or control air pollutant emissions shall be regularly and properly maintained according to the operation and maintenance records shall be kept at the facility in compliance to BACT and T-BACT. These instructions and maintenance records shall be available for inspection by YCCAA, organized in a readily accessible manner, and retained for at least two (2) years. Emissions that result from failure to follow the requirements of operation and maintenance manuals or manufacturer's instructions will be considered proof that the equipment was not properly operated and maintained.
4. Weyerhaeuser Paper Company shall submit a Notice of Completion to the YCCAA per Section 4.02(F.) of the YCCAA Restated Regulation I. An inspection by YCCAA Staff will then be conducted to verify controls and work practices are in place per this Notice of Construction (N.O.C.).
5. Wood waste production quantities, fuel, adhesive, starch and resin use shall be reported to the YCCAA on an annual basis in compliance with the existing annual registration and reporting program, on forms provided by this agency. Sulfur content of #2 diesel used as auxiliary fuel for the boiler will also be reported annually on a certification from the fuel supplier.

Additional Approval Conditions:

1. All plans, specifications and other information submitted to YCCAA relative to this project and further documents and any further authorizations or approvals or denials in relation thereto shall be kept at the office of YCCAA files and by such action shall be incorporated herein and made a part hereof.

2. Nothing in this approval shall be construed as obviating compliance with any requirement of law other than those imposed pursuant to the Clean Air Washington Act, and rules and regulations thereunder.
3. Authorization may be modified, suspended or revoked in whole or part for cause including, but not limited to, the following:
 - a. Violation of any terms or conditions of this authorization.
 - b. Obtaining this authorization by misrepresentation or failure to disclose fully all relevant facts.
 - c. The provisions of this authorization are severable and, if any provision of this authorization, or application of any provisions of this authorization to any circumstance, is held invalid, the application of such provision to their circumstances, and the remainder of this authorization, shall not be affected thereby.
 - d. Any person feeling aggrieved by this N.O.C. may obtain review thereof by application, within thirty (30) days or receipt of this N.O.C. to the Pollution Control Hearings Board, P.O. Box 4903, Olympia, WA 98504-4903. Concurrently, a copy of the application must be sent to the Yakima County Clean Air Authority, Yakima County Courthouse, Yakima WA 98901. These procedures are consistent with the provisions of Chapter 43.12B RCW and the rules and regulations adopted thereunder.

DATED at Yakima, Washington this 27 day of June 1994.

PREPARED BY:



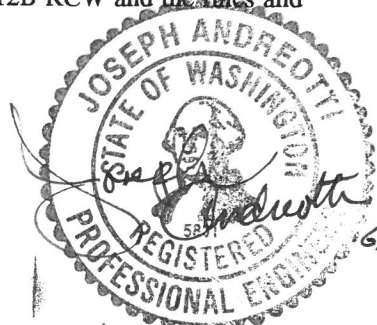
6/22/94

Chris E. Svendsen
Assistant Director
Yakima County Clean Air Authority

REVIEWED BY:



Joseph Andriotti, P.E.
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6/27/94

EXPIRES 08/24/ 94

APPROVED BY:



Tom T. Silva
Director - APCO
Yakima County Clean Air Authority

7/1/94