

**NORTH CAROLINA DIVISION OF
AIR QUALITY**

Air Permit Review

Permit Issue Date:

Region: Raleigh Regional Office
County: Person
NC Facility ID: 7300045
Inspector's Name: Steve Hall
Date of Last Inspection: 03/03/2005
Compliance Code: 3/In Compliance - Inspection

Facility Data			Permit Applicability (this application only)
Applicant (Facility's Name): Progress Energy - Mayo Facility Facility Address: Progress Energy - Mayo Facility 1066 Boston Road Roxboro, NC 27574 SIC: 4911 / Electric Services NAICS: 221112 / Fossil Fuel Electric Power Generation Facility Classification: Before: Title V After: Title V Fee Classification: Before: Title V After: Title V			SIP: NSPS: NESHAP: PSD: PSD Avoidance: NC Toxics: 112(r): Other:
Contact Data			Application Data
Facility Contact	Authorized Contact	Technical Contact	Application Number: 7300045.05A Date Received: 01/26/2005 Application Type: Modification Application Schedule: TV-Reopen for Cause Existing Permit Data Existing Permit Number: 03478/T24 Existing Permit Issue Date: 09/04/2003 Existing Permit Expiration Date: 08/31/2008
Dulcie Phillips Senior Environmental Specialist (919) 597-7331 10660 Boston Road Roxboro NC, 27574	Robert Beasley Plant Manager (919) 597-7331 10660 Boston Road Roxboro NC, 27574	Earl Enzor Lead Environmental Specialist (919) 546-2136 PO Box 1551 Raleigh NC, 27601	
Review Engineer: Ed Martin Review Engineer's Signature: _____ Date: 03/14/2005 <p style="text-align: center;">DRAFT FOR PUBLIC NOTICE</p>		Comments / Recommendations: Issue 03478/T26 Permit Issue Date: Permit Expiration Date:	

I. Purpose of Application:

DAQ is reopening this permit to revise General Condition I.A to assure compliance with the reporting requirements under rule 15A NCAC 2Q .0508(f)(2). This rule requires deviations from permit requirements not covered under rule 15A NCAC 2D .0535 (i.e.: for excess emissions lasting less than four hours) to be reported promptly. This change is a result of EPA's comments on several utility permits where they indicate the full reporting requirements of 2Q .0508(f)(2) were not addressed in the permit. EPA defines deviations to include all excess emissions. Therefore, the condition has been revised to require prompt reporting of excess emissions lasting less than four hours to cover the full reporting requirements of 2Q .0508(f)(2). Progress Energy was notified that this change would be made in a letter to Mr. Robert Beasley (Responsible Official) from Donald R. van der Vaart dated January 19, 2005. The permit will be reopened no earlier than 60 days after the date of receipt of this letter, pursuant to rule 15A NCAC 2Q .0517. The letter was delivered on January 27, 2005 by certified mail.

This reopening is a significant modification following the procedures in 2Q .0501(c)(1).

II. Permit Changes:

The following changes were made to the Progress Energy Mayo Electric Generating Plant Air Permit No. 03478T26:

Page(s)	Part, Section	Change
Cover		Amended permit numbers and dates.
32-33	Part I, Section 3.I.A	Revised General Condition I.A in accordance with letter to Mr. Robert Beasley from Donald R. van der Vaart dated January 19, 2005.

III. Facility Description

Progress Energy’s Mayo Electric Generating Plant is an electric utility that generates electrical power. The emission sources at the Mayo facility include two coal/No. 2 fuel oil/used oil-fired electric utility boilers (Unit 1A Boiler and Unit 1B Boiler), a flyash storage silo (SILO1), five coal storage silos (SILO2 through SILO6), one sodium carbonate storage silo (SIOL7), two dry flyash transportation systems (PFTS 1 and 2), one coal crusher (CRUSHER), one coal unloading operation (COALDUMP), eleven coal conveyors (CV2, CV5, CV6, CV9A, CV9B, CV10A, CV10B, CV12A, CV12B, CV13A and CV13B), one No. 2 fuel oil-fired 750 kw emergency diesel generator (EMGEN), and one No. 2 fuel oil storage tank (ST1).

IV. Permit Shield (including non-applicable requirements)

In accordance with 2Q .0512 the permit will contain a provision stating that compliance with the terms, conditions, and limitations of the Title V permit shall be deemed in compliance with applicable requirements specifically identified in the permit, as of the date of permit issuance. If the permit does not expressly state that a permit shield exists then it shall be presumed not to provide such a shield.

V. Public Notice and EPA Review

This change is being processed as significant Title V permit modification pursuant to rule 15A NCAC 2D .0501(c)(1). The draft permit is required to go to public notice pursuant to 15A NCAC 2Q .0521 in a newspaper of general circulation in the area where the facility is located. The notice will provide for a 30 day comment period, with an opportunity for a public hearing. The draft permit will also be sent to EPA for review at the time of public notice (parallel review). Copies of the public notice will be sent to persons on the Title V mailing list and EPA. Pursuant to 2Q .0522, a copy of each permit application, each proposed permit and each final permit will be provided to EPA. Also, pursuant to 2Q .0522, a notice of the draft Title V Permit shall be provided to each affected state at or before the time notice provided to the public under 2Q .0521. Affected states for this facility, as specified by 15A NCAC 2Q .0503(1) and 40 CFR 70.8(b), are South Carolina, Georgia, Tennessee and Virginia; North Carolina local air pollution control programs for Western North Carolina Regional Air Quality (Buncombe County), Mecklenburg County and Forsyth County; and the Catawba Indian Nation in York County South Carolina and the Eastern Band of Cherokee Indians in Swain, Jackson and Graham Counties North Carolina.

VI. Recommendations

later