

**Duke Project As Listed On The NC Solid Waste Section's List of All Coal Ash Structural Fills:**

Iredell; Thomas S. Wilson Track 3 Lake Norman Airport;  
Duke Power; Duke Power; Thomas S. Wilson;  
December 15, 1995; December 30, 1995;

NOTE: This property is also referred to as A Portion of Lake Norman Airport. On the recordation documentation this property is referred to as "Out Parcel/Future Use".

Duke Power Company  
Electric System Support  
13339 Hagers Ferry Road  
Huntersville, NC 28078-7929



**DUKE POWER**

March 31, 1997

William Hocutt  
North Carolina Department of Environment,  
Health and Natural Resources  
Solid Waste Section  
P.O. Box 27687  
Raleigh, NC 27611-7687



SUBJECT: Structural Fill Closure Requirement  
Record Number: 006021

Mr. Hocutt:

In accordance with Section .1706(d) of the Solid Waste Management Rules for the Beneficial Use of Coal Combustion By-Products, please find attached "Closure Certifications" for all of the coal ash structural fill projects conducted by Duke Power Company as listed on the NC Solid Waste Section's "List of All Coal Ash Structural Fills". In addition, a copy of the "Recordation Statement" for each project is also included. Please note that the "Recordation Statement" is a requirement of the land owner and is being provided by Duke Power as a courtesy/service to the land owner.

The information attached will supersede the closure certifications previously submitted on January 2, 1997. Therefore, the previously submitted closure information should be deleted from your file(s) and replaced with the attached.

If you have any questions concerning these documents, please contact me at 704-875-5956.

L. D. Evans, CHMM  
Scientist  
Environmental Division - Waste Management

LDE/E03972

Attachments

**PATTERSON SURVEYING, P.A.**

P.O. Box 1387, Mooresville, NC 28115  
(704)662-0100 \* Fax(704)662-0101

March 7, 1996

10

NCDEHNR  
Solid Waste Division  
P.O. Box 27687  
Raleigh, NC 27611-7687

RE: A Portion of Lake Norman Airport  
"Approximately 9000 cubic yards of ash"  
Patterson Surveying Reference #10195

This document shall serve as notice that the above referenced project has been developed with coal ash provided by Duke Power Company from the Marshall Steam Station located in Terrell, NC.

This document is provided as evidence of compliance with all of the requirements of Solid Waste Regulation Section .1700 and Specifically to Meet Section .1706 Closure of Structural Fill Facilities, Part (D).

If you have any questions, please let me know. Thank you.

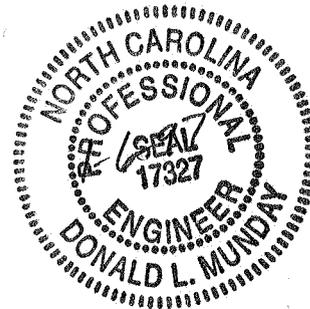
Sincerely,

DONALD L. MUNDAY



Donald L. Munday, P.E.

eab



Land Surveying \* Planning \* Erosion Control

NO 97860363

*Noted*

FILED  
IREDELL COUNTY

56 MAR 27 PM 3:46

PREPARED BY AND RETURN TO:  
JAY Kevin White, Attorney  
207 South Broad Street  
Mooresville, North Carolina 28115

STATE OF NORTH CAROLINA  
COUNTY OF IREDELL

BRENDA D. BELL  
~~RECORDED~~

011518

THOMAS S. WILSON, being first duly sworn, does hereby depose  
and say that:

1. He is the record owner of a certain parcel of  
land designated as "Out Parcel/Future Use:  
General Aviation of Residential", said parcel  
being a portion of the land acquired in the  
deed recorded in Deed Book 799, at Page 978,  
in the Office of the Register of Deeds for  
Iredell County, North Carolina.

(18)

2. He has contracted with Duke Power Company for  
the placement upon the above-described parcel  
of property of Conditioned Ash to be used as  
structural fill material.

Duke Power Company has fulfilled its  
contractual obligations by placing on the  
above-described parcel of property  
approximately 8,182 cubic yards of Conditioned  
Ash.

He agrees that any deeds conveying any portion  
of the above-described parcel of property  
executed henceforth shall contain a statement  
that coal combustion by-products have been  
used as structural fill material on the  
property.

This the 25 day of March, 1996.

THOMAS S. WILSON

NORTH CAROLINA  
COUNTY OF IREDELL

I, a Notary Public of the said County and State  
aforesaid, do hereby certify that THOMAS S. WILSON  
personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 25 day of  
March, 1996.

(NOTARIAL SEAL)

*J.D. Murray*  
Notary Public

My Commission Expires:  
My Commission Expires 12-31-96

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Division of Solid Waste Management

James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
William L. Meyer, Director



December 12, 1995

Mr. Larry Evans, Scientist  
Electric System Support Department  
Duke Power Company  
13339 Hagers Ferry Road  
Huntersville, NC 28078-7929

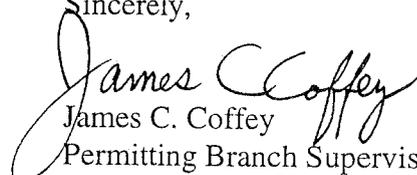
Subject: Coal fly ash structural fill at Thomas S. Wilson's Track 3 Lake Norman Airport  
Property in Iredell County Scheduled to begin December 15, 1995.

Dear Mr Evans:

We are in receipt of your December 8, 1995 notification for constructing the subject structural fill beginning on December 15, 1995 and to be completed on December 30, 1995. The information submitted satisfies the requirements for coal ash structural fill activities as set forth in Solid Waste Management Rules 15A NCAC 13B Section .1700 concerning beneficial use of coal combustion by-products.

As previously agreed to between Duke Power and the Solid Waste Management Division, Duke Power is accepting the responsibility of informing the landowner(s) of their responsibility should any groundwater contamination occur due to this structural fill activity.

Sincerely,

  
James C. Coffey  
Permitting Branch Supervisor  
Solid Waste Section

JCC/wrh

cc: Julian Foscue  
Anthony Foster  
Bill Hocutt  
John P. Nerison, P.E.  
Larry S. Harper

c:wp6doc/letter/jim/evans10



*JOHN P. NERISON, P.E.*  
*Manager of Coal*  
*Combustion By-Products*  
*Resource Recovery, PSM*



*(704)382-3116 Office*  
*(704)382-8425 Fax*



**DUKE POWER**

WC2751  
400 South Tryon St. (WC27A)  
P.O. Box 1007  
Charlotte, NC  
28201-1007



*LARRY S. HARPER*  
*Technical Services*  
*Manager/Coal Ash Group*  
*PSM/APR*



*(704)382-7982 Office*  
*(704)517-9931 Auto*  
*(704)382-3034 Fax*



**DUKE POWER**

Mail Code: WC27A  
400 S. Tryon Street  
P.O. Box 1007  
Charlotte, NC  
28201-1007

Duke Power Company  
Electric System Support  
13339 Hagers Ferry Road  
Huntersville, NC 28078-7929



**DUKE POWER**

December 8, 1995

William Hocutt  
North Carolina Department of Environmental,  
Health and Natural Resources  
Solid Waste section  
401 Oberline Road  
Suite 150  
Raleigh, NC 27605

SUBJECT: Structural Fill Notification  
Lake Norman Airport Prosperity  
Wilson  
File: GS-707.02 (Fossil)

Mr. Hocutt:

In accordance with Section .1706 of the Solid Waste Management Rules (Requirements For Beneficial Use Of Coal Combustion By-Products), please find attached the required written notification for the referenced structural fill project. Please note that this project utilizes less than 10,000 cubic yards of coal combustion by-products, therefore construction plans are not included.

If you have any questions concerning the notification, please contact me at 704-875-5956.

A handwritten signature in cursive script that reads "L. D. Evans".

L. D. Evans, Scientist  
Environmental Protection - Waste Management

LDE/E12954

Attachments

## **STRUCTURAL FILL NOTIFICATION**

**Duke Power Company  
Lake Norman Airport Properity  
Wilson**

The proposed project will utilize less than 10,000 cubic yards of fly ash in a structural fill application for airport expansion. The developed land will be used for the construction of aircraft hangers and taxi ways to the hangers. The property is located on Yager Road which is off of State Road 1494 in Iredell County as indicated on the attached USGS map (Lake Norman Quadrangle, North Carolina - 7.5 minute series). The project is scheduled to commence on December 15, 1995 and to be completed on December 30, 1995. The fly ash will be supplied from Duke Power's Marshall Steam Station located on Highway 150 in eastern Catawba County at the following address:

Duke Power Company  
Marshall Steam Station  
PO Box 210  
Terrell, NC 28682

Larry Evans will serve as the Generator Contact and can be contacted at:

Larry Evans  
Duke Power Company  
13339 Hagers Ferry Road (MG03A5)  
Huntersville, NC 28078-7929  
Phone: 704-875-5956

The following documents are attached:

- Signed statement of acknowledgement and consent from property owner
- TCLP data and certification
- USGS topographic map showing location of project

NORTH CAROLINA

IREDELL COUNTY

ACKNOWLEDGMENT AND CONSENT

Pursuant to the provisions of G.S. 130A-294 and 15A NCAC 13B.1703, we (Thomas Wilson Properties) state that we (\*See note above) are the Owners of the following described property.

Legal Description:  
*SEE SCHEDULE A*

We (\*See note above) further acknowledge and consent to the use of coal combustion byproducts as structural fill on the above described property. The volume of ash placed on this property is (up to 10,000) cubic yards. We (\*See note above) agree to record this document in accordance with 15A NCAC 13B.1707.

Signed this 9 day of Dec 1995

*Thomas Wilson by Wanda Young AIF*  
Thomas Wilson by Wanda Young AIF

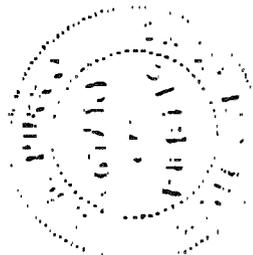
North Carolina  
Iredell County

I, J. D. Murray, a Notary Public for said County and State, do hereby certify that Wanda Young, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, the 4 day of DECEMBER, 1995.

Notary Public

My commission expires My Commission Expires 12-6-99



HAZARDOUS WASTE SAMPLE RESULTS  
APPLIED SCIENCE CENTER

STATION : Marshall  
 SAMPLE ID. : Marshall U-1 ash Leach  
 LAB.SERV. #: 9402095

TCLP Leach

ANALYSIS	RESULT	LIMIT
AG:	✓ < 0.20 mg/l	5.0 mg/l
BA:	✓ 0.47 mg/l	100 mg/l
CD:	✓ < 0.03 mg/l	1.0 mg/l
CR:	* 0.77 mg/l	5.0 mg/l
PB:	* < 1.0 mg/l	5.0 mg/l
AS:	✓ < 0.10 mg/l	5.0 mg/l
SE:	* 0.27 mg/l	1.0 mg/l
HG:	✓ < 0.001 mg/l	0.2 mg/l
NI:	NR mg/l	134 mg/l
TL:	NR mg/l	130 mg/l
% ASH:	NR %	NO LIMIT
BTU:	NR BTU/lb	NO LIMIT
TOT. S	NR % wt.	NO LIMIT
TOT. CL	NR % wt.	NO LIMIT
FLASH PT.	NR Deg. F	< 140 Deg. F
PH:	NR Value	< 2.0 or > 12.5
% WATER	NR % wt.	NO LIMIT

N/R: NOT REQUESTED.

\* EXCEEDS RCRA LIMITS.

\* OK for Lined LF.

I certify that the TCLP analysis is representative of the fly ash to be used for this project.

A handwritten signature in cursive script that reads "Larry D. Evans". The signature is written in black ink and is positioned above a horizontal line.

---

Larry D. Evans

LAKE NORMAN NORTH QUADRANGLE  
NORTH CAROLINA  
7.5 MINUTE SERIES (TOPOGRAPHIC)

4855 III NE  
(SHEPHERDS)

