

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

Iredell; B.K. Barringer, Jr.'s Lot 13 - Mezzepa Rd. Industrial Pk.;  
Duke Power; Duke Power; B.K. Barringer, Jr.;  
September 10, 1995; December 31, 1995;

NOTE: The recordation documentation also includes Lot 14 (an adjacent lot handled as a separate notification) and records one volume of ash placed on both lots.

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

**B. K. BARRINGER & ASSOCIATES, P.A.**

104 Westfield Center NC 150 and US 21  
Mooresville, North Carolina 28115-8812  
Telephone (704) 664-7888 Fax (704) 664-1778

Architecture  
Engineering  
Planning

July 10, 1996

①

Mr. Larry Harper, Manager Coal Ash Group  
Duke Ash Masters  
P. O. Box 1770  
Charlotte, NC 28201-1007

Re: Certificate of Compliance  
Section .1800 Requirements for Beneficial Use  
of Coal Combustion By-Products

Lot 13, Mazeppa Road Industrial Park  
Iredell County, NC

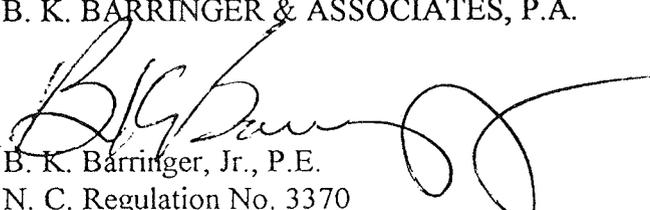
Dear Mr. Harper:

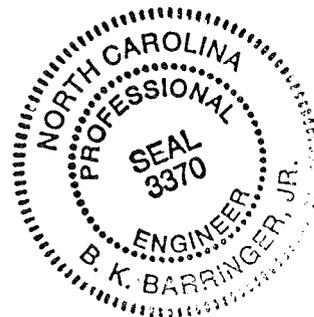
This document will serve as notice that property owned by B. K. And Laura Barringer located in Mazeppa Road Industrial Park, Mooresville, Iredell County, North Carolina has been developed with coal ash provided by Duke Power Company from Marshall Steam Station, located in Terrell, NC.

Whereas, this document is provided as evidence of compliance with all the requirements of Solid Waste Regulation Section .1700 and specifically to meet Section .1706, Closure of Structural Fill Facilities, part (d).

Yours truly

B. K. BARRINGER & ASSOCIATES, P.A.

  
B. K. Barringer, Jr., P.E.  
N. C. Regulation No. 3370



BKB/lrb

STATE OF NORTH CAROLINA

STATEMENT OF STRUCTURAL FILL

COUNTY OF IREDELL

The undersigned, B. K. Barringer, Jr. and Laura R. Barringer, in accordance with the provisions of NCGS 130A-294 and 15A NCAC 13B 1703, acknowledge that they are the owners of the real property located in Coddle Creek Township, Iredell County, North Carolina, and more specifically described as Lots 13 and 14, Mazeppa Road Industrial Park as recorded in DB22, P69.

The undersigned further acknowledge that they have consented to the use of coal combustion by-products as structural fill on this property. The volume of coal combustion by-products placed on this property is approximately 10,031 tons.

IN WITNESS WHEREOF, said parties have hereunto set their hand and have caused this instrument to be signed this July 11 day of, 1996.

  
B. K. Barringer, Jr.

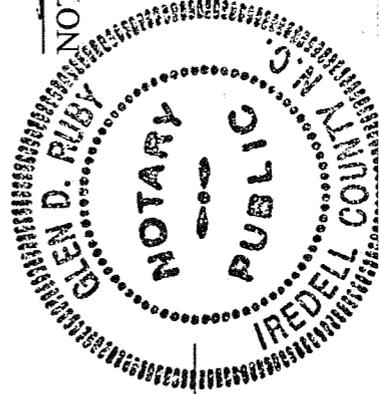
  
Laura R. Barringer

STATE OF NORTH CAROLINA

COUNTY OF IREDELL

I, Notary Public for the County and State aforesaid do hereby certify that B. K. Barringer, Jr. and Laura R. Barringer personally appeared before me and acknowledged the execution of the foregoing instrument, Witness my hand and official stamp this July 11 day of, 1996.

  
NOTARY PUBLIC



My Commission Expires 3/27/2001

STATE OF NORTH CAROLINA -- Iredell County  
The foregoing certificate(s) of John D. Ruby, Jr.

is (are) certified to be correct. This instrument was presented for registration this day and hour and duly recorded in the office of the Register of Deeds of Iredell County, North Carolina in Book 990, Page 1721.  
This 11th day of July, A.D., 1996 at 10:48 o'clock A.M.  
By: Brenda D. Bell REGISTER OF DEEDS

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

September 5, 1995

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

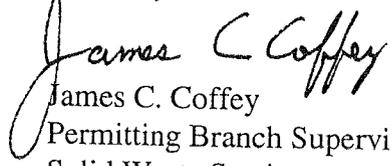
Subject: Coal Fly Ash Structural Fill at B. K. Barringer, Jr.'s Lot 13 - Mezzepa Road Industrial Park in Iredell County Scheduled to Begin September 10, 1995 and to be Completed on December 31, 1995.

Dear Mr Evans:

We are in receipt of your August 23, 1995 notification for constructing the subject structural fill beginning on September 10, 1995 and to be completed on December 31, 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/evans3

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



**DUKE POWER**

August 23, 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  
Lot 13 - Mazzepa Road Industrial Park  
B. K. Barringer, Jr.  
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 Protection

LDE/D08955

Attachments

bc: J. P. Nerison  
L. S. Harper  
T. S. Carpenter

## **STRUCTURAL FILL NOTIFICATION**

**Duke Power Company  
Lot 13 - Mazzeppa Road Industrial Park  
B. K. Barringer, Jr.**

The proposed project will utilize approximately 9,500 cubic yards of fly ash in a structural fill application to develop the property for marketing. The property is located on Mazzeppa Road which is off of NC Highway 115 in Iredell County as indicated on the attached USGS map (Mooresville Quadrangle, North Carolina - 7.5 minute series). The project is scheduled to commence on September 10, 1995 and to be completed on December 31, 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

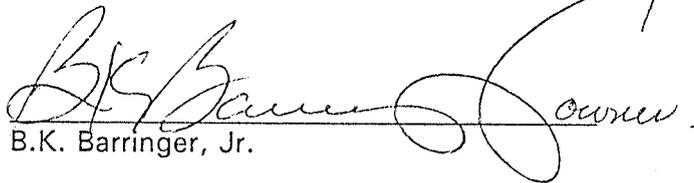
ACKNOWLEDGEMENT AND CONSENT

Pursuant to the provisions of G.S. 130A-294 and 15A NCAC 13B.1703, I, B.K. Barringer, Jr. state that I, B.K. Barringer, Jr. am the owner of the following described property:

Lot 13, Mazeppa Road Industrial Park per exhibit A attached

I, B. K. Barringer, Jr. 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 9500 cubic yards. I, B.K. Barringer, Jr. agree to record this document in accordance with 15A NCAC 13B.1707.

Signed this 18 day of Aug 1995.

  
B.K. Barringer, Jr.

  
Notary Public

*My Commission Expires 11-7-98.*



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 L.F.

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

STATE OF NORTH CAROLINA  
DEPARTMENT OF CONSERVATION AND DEVELOPMENT  
RALEIGH, NORTH CAROLINA

515 50' STATESVILLE 13 MI. 4855 III NE (SHEPHERDS) 518 47'30" 519 1470



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



September 5, 1995

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

Subject: Acknowledgement of Four Coal Fly Ash Structural Fill Notifications Dated August 23, 1995.

Dear Mr. Evans:

This fax is being sent in order to expedite copies of the four Notifications mentioned above. I will forward hard copies of these by mail this week including copies to Larry Harper and John Nerison. We have not yet received the required additional information needed on the Highway 150, Juno Builders Inc. project which was discussed in the August 23, 1995 meeting here in Raleigh. That is the reason a letter pertaining to that project is not included with the four being sent.

Please call me at (919) 733 - 0692 , extension 260 if you have any questions about this matter. I will be away from the office beginning Friday afternoon, September 8th , returning Monday morning, September 18th.

Sincerely,

William R. Hocutt  
Waste Determination Coordinator  
Solid Waste Section

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