

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 14 - Mezzepa Rd. Industrial Pk.;
Duke Power; Duke Power; B.K. Barringer, Jr.;
September 10, 1995; December 30, 1995;

NOTE: The recordation documentation also includes Lot 13 (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

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 14, Mazeppa Road Industrial Park
Iredell County, NC

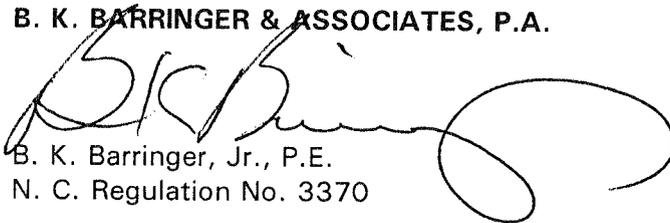
Dear Mr. Harper

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, North Carolina.

Whereas, this document is provided as evidence of compliance with all the requirements of Solid Waste Regulation Section .1700 and specifically to met 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:sgw



STATE OF NORTH CAROLINA

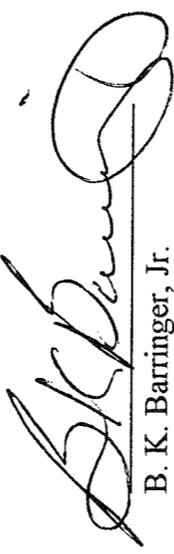
STATEMENT OF STRUCTURAL FILL

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.

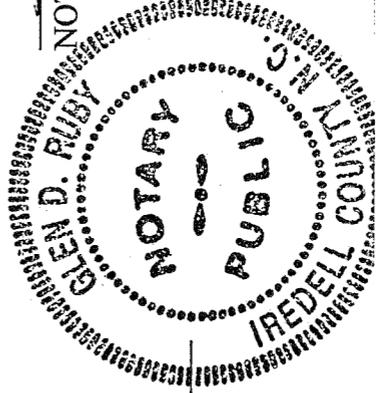

Laura R. Barringer

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 

(are) certified to be correct. This instrument was presented for registration this day and hour of July day of July, A.D., 1996 at 10:48 o'clock PM.
is Brenda D. Bell REGISTER OF DEEDS
By:  ASST. DEPUTY REGISTER OF DEEDS
Page 1721 of Book 990

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

file

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 B. K. Barringer, Jr.'s lot 14 - Mezzepa Road
Industrial Park in Iredell County Scheduled to begin December 15, 1995.

Dear Mr Evans:

We are in receipt of your December 7, 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 Coffey
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/evans9

|| |
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 7, 1995

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

Bill,
I realize these are short notice,
but please respond ASAP.

Thanks
Larry

SUBJECT: Structural Fill Notification
Lot 14 - 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 that reads "Larry D. Evans".

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

LDE/E12955

Attachments

STRUCTURAL FILL NOTIFICATION

**Duke Power Company
Lot 14 - 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 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

DEC- 4-35 MON 9:37 B.K. BARRINGER, JR. P.E. P.02

NORTH CAROLINA

IREDELL COUNTY

ACKNOWLEDGEMENT AND CONSENT

Pursuant to the provisions of G.S. 130A-294 and 15A NCAC 13B.1703, We, B.K. Barringer, Jr. and Laura R. Barringer, state that we are the owners of the following described property:

Lot 14 Mazeppa Road Industrial Park per exhibit A attached

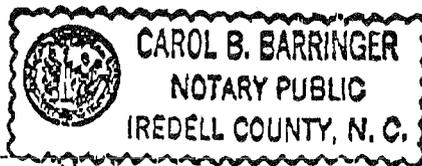
We, B. K. Barringer, Jr. and Laura R. Barringer, further acknowledge and consent to the use of coal combustion byproducts as structural fill on the above described property. The volume of ash placed o this property is 9500 cubic yards. We, B.K. Barringer, Jr. and Laura R. Barringer agree to record this document in accordance with 15A NCAC 13B.107.

Signed this 3 day of DEC 1995.

B.K. Barringer, Jr.
B.K. Barringer, Jr.

Laura R. Barringer
Laura R. Barringer

Carol B. Barringer
Notary Public - My commission expires May 11, 1997



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

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

15 50'

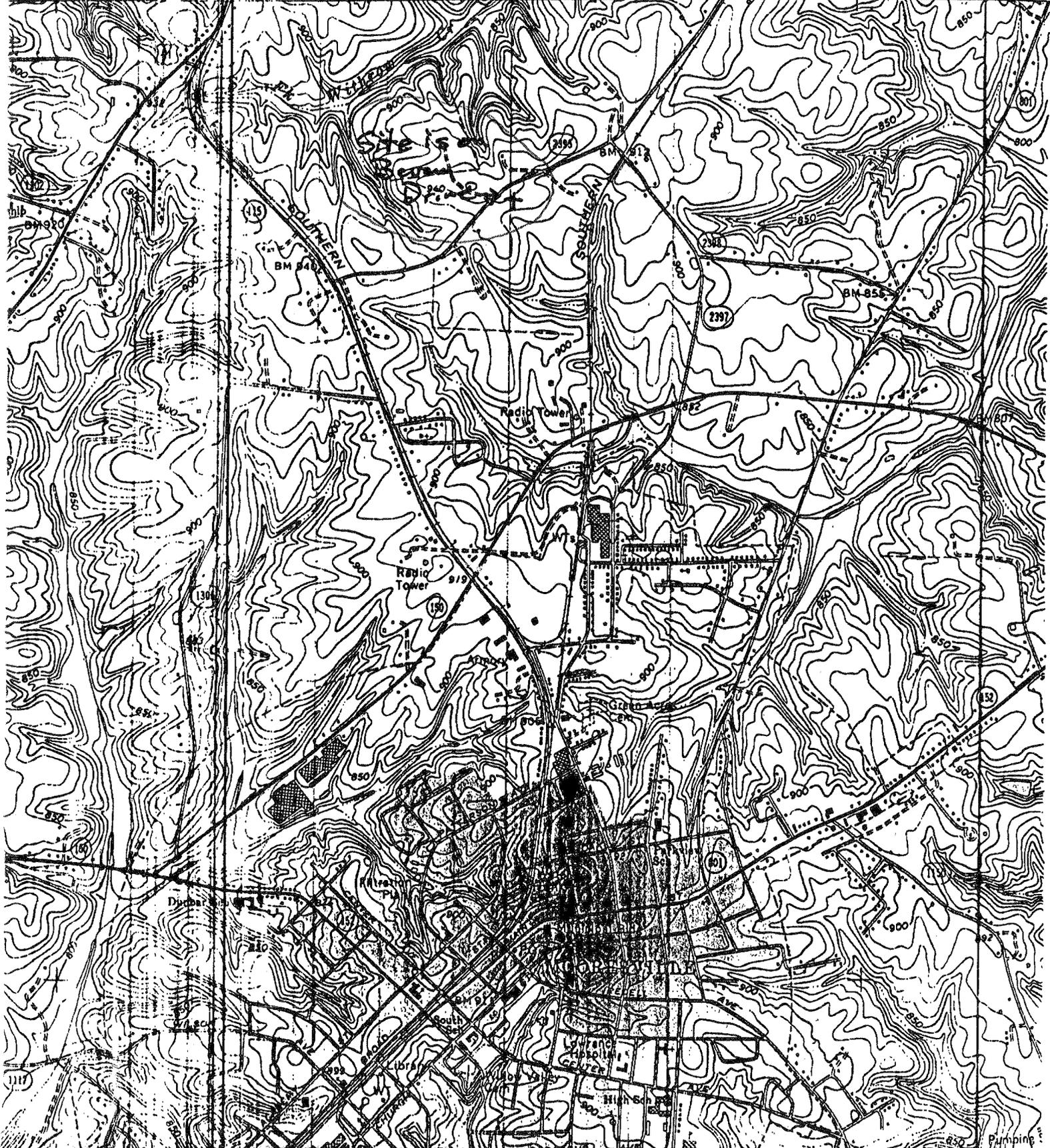
STATESVILLE 13 MI.

4855 III NE
(SHEPHERDS)

18

47'30" 19

1470



Pumping