

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

Iredell; DS Associates Lake Norman Airport Prop.;
Duke Power (L Evans); Duke Power; DS Associates;
August 1, 1995; October 1, 1995;

NOTE: This property is also referred to as Lot 1 Lake Norman Airport.

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

D.A.S.

DON ALLEN & ASSOCIATES, PA

Engineering • Surveying • Planning

Rt. 7 Box 293
Mooreville, NC 28115

704/664-7029
FAX 704/664-8041

December 6, 1995

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

RE: LOT 1 LAKE NORMAN AIRPARK
DS ASSOCIATES
DAS REFERENCE # 1445-502

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,

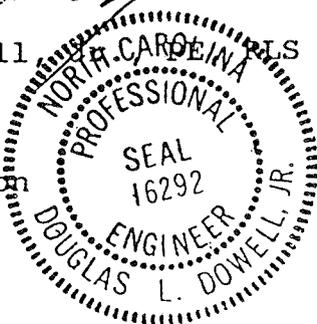
DON ALLEN & ASSOCIATES, PA



Douglas L. Dowell
Principal

cc: Jim Dolan
John Niersen

DLDJR/sgn



⑤

BK0978PG0367

PREPARED BY AND RETURN TO:

Jay Kevin White, Attorney
207 South Broad Street
Mooreville, North Carolina 28115

FILED
IREDELL COUNTY

96 MAR 27 PM 3:46

STATE OF NORTH CAROLINA

COUNTY OF IREDELL

001520

GRENDA D. BELL
~~APPL DAVIT~~
REGISTER OF DEEDS

JIM DOLAN, as Agent for DS ASSOCIATES, being first duly sworn,
does hereby depose and say that:

1. DS ASSOCIATES is the record owner of a certain parcel of land designated as Lot 1 of Lake Norman Airport Subdivision, as the same is platted, planned and recorded in Plat Book 24, at Page 117, in the Office of the Register of Deeds for Iredell County, North Carolina.
2. It 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.
3. Duke Power Company has fulfilled its contractual obligations by placing on the above-described parcel of property and the adjoining Lot 2 approximately 6,200 cubic yards of Conditioned Ash.
4. It 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.

5

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

July 14, 1995

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

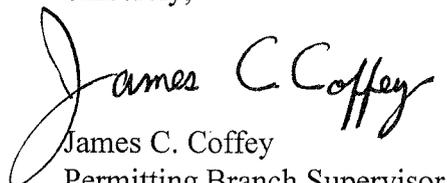
Subject: Coal Fly Ash Structural Fill at DS Associates Lake Norman Airport
Property in Iredell County -Scheduled to begin August 1, 1995.

Dear Mr. Evans:

We are in receipt of your June 23, 1995 proposal for constructing the subject structural fill beginning August 1, 1995 and planned for completion by October 1, 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/sh

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

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

July 14, 1995

Post-It™ brand fax transmittal memo 7671		# of pages ▶ /
To <i>TAMI CARPENTER</i>	From <i>Bill Hocutt</i>	
Co. <i>DUKE POWER</i>	Co. <i>STATE OF NC</i>	
Dept. <i>Electric System Support</i>	Phone # <i>919-733-0692</i>	
Fax # <i>704-875-5493</i>	Fax # <i>EXT. 260</i>	

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

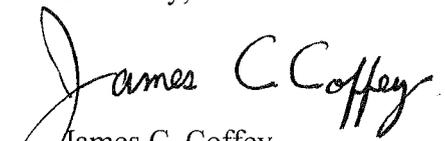
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Permitting Branch Supervisor
Solid Waste Section

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Anthony Foster
Bill Hocutt
John P. Nerison, P.E.
Larry S. Harper

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



DUKE POWER

July 7, 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 Notifications
Lake Norman Airport Properties
DS Associates, 14 Alpha, Inc. and Carolina Eagles Aviation
File: GS-707.02 (Fossil)

Mr. Hocutt:

This letter is in response to our telephone conversation of July 5, 1995. You requested more information on the purpose of the projects for the three submitted notifications associated with the Lake Norman Airport. As stated in the notifications the projects are for airport expansion. The developed land will be use for the construction of aircraft hangers and taxi ways to the hangers. As previously stated in the last notification, although these projects are in the same general location, ownership's are different and they are considered separate beneficial use applications.

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

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

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

LDE/D07953

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



DUKE POWER

June 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
Lake Norman Airport Property
DS Associates
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. In addition, this property is in the same general location as the two previous Lake Norman Airport notifications. However, ownership is different and it is considered a separate beneficial use application.

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

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

LDE/D06953

Attachments

175
Tami Carpenter

704 - 875 - 5939
Fax 704 - 875 - 5493

Greyhound Vander Velle

704 - 875 - 5021



STRUCTURAL FILL NOTIFICATION

**Duke Power Company
Lake Norman Airport Properity
DS Associates**

The proposed project will utilize approximately 8,000 cubic yards of fly ash in a structural fill application for airport expansion. 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 August 1, 1995 and to be completed on October 1, 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

The undersigned partners of DS Associates, a North Carolina General partnership, in accordance with the provision of N.C.G.S. 130A-294 AND 15A NCAC 13B.1700.et.seq. acknowledge that DS Associates is the owner of the real property located in Davidson Township, Iredell County, North Carolina, and more specifically described as follows: All of Lot 1 of Lake Norman Airport Subdivision, as the same is platted, planned, and recorded in Plat Book 24, Page 117, in the Office of the Register of Deeds for Iredell County, North Carolina. Said property contains 0.92 acres more or less.

DS Associates further acknowledges and consents to the use of coal combustion by-products as structural fill on the property described above. The volume of coal combustion by-products placed on this property is estimated to be 8,000 cubic yards. DS Associates further agrees to record this document as required by 15A NCAC 13B.1707.

IN WITNESS WHEREOF, said general partnership has caused this instrument to be signed and notarized this 31st day of May, 1995.

DS Associates, a Partnership

By: *Peter Daetwyler*
Peter Daetwyler, Partner
13420 Reese Blvd. West
Huntersville, NC 28078

By: *Walter Siegenthaler*
Walter Siegenthaler, Partner
13420 Reese Blvd. West
Huntersville, NC 28078

STATE OF NORTH CAROLINA

COUNTY OF IREDELL *Mecklenburg*

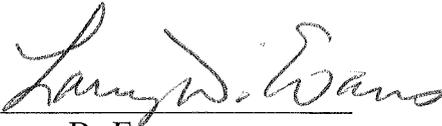
I, *Gwendolyn J. Roberts* a Notary Public of the said County and State aforesaid, do hereby certify that Peter Daetwyler and Walter Siegenthaler personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 5th day of June, 1995.

Gwendolyn J. Roberts
Notary Public

My Commission Expires: *1-11-00*

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


Larry D. Evans

Larry D. Evans

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

* too high for NC
Solid Waste policy of
to haz limits
for unlined L.F. OK
for structural
Fill. (WRT)

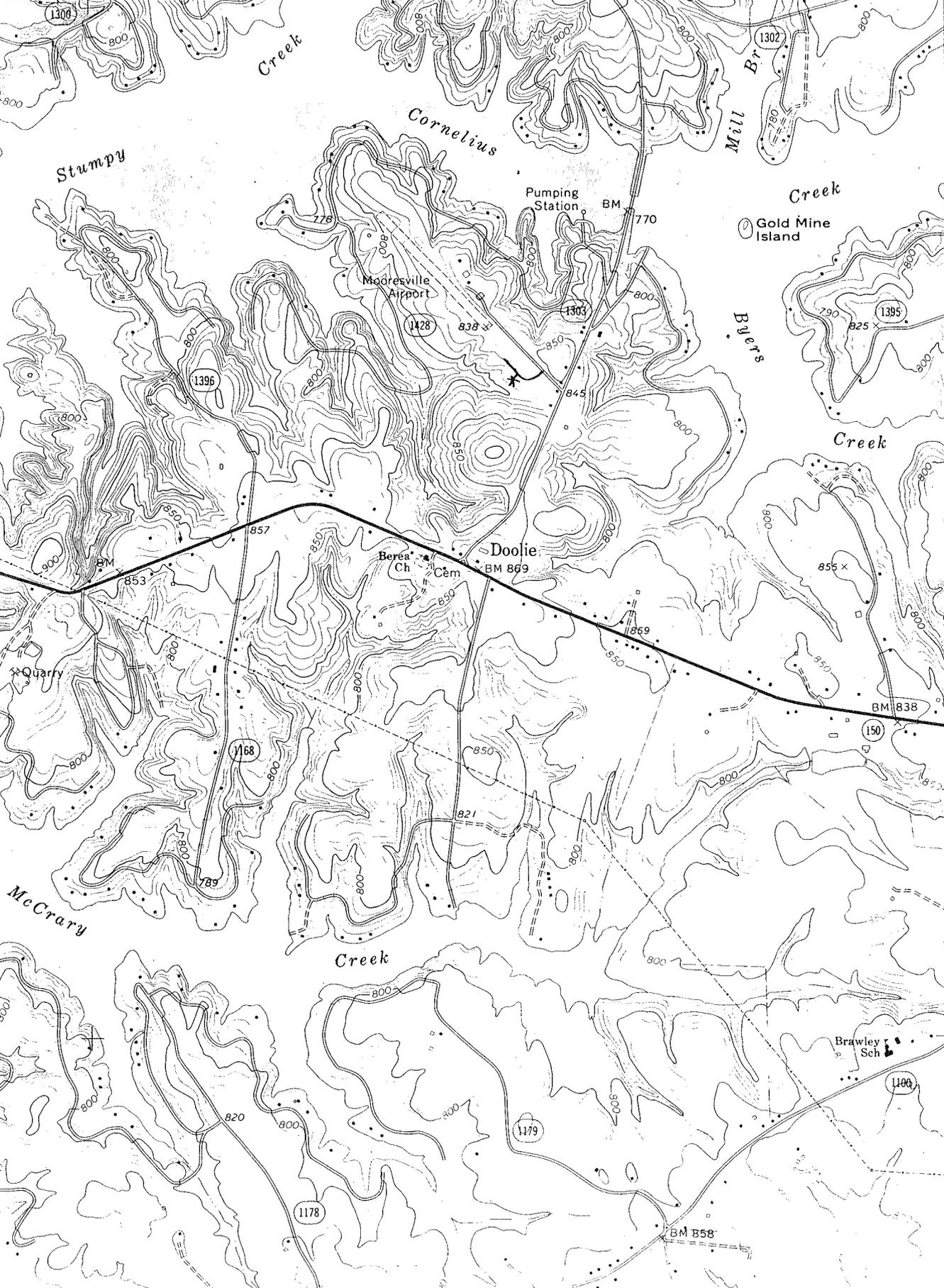
N/R: NOT REQUESTED.
* EXCEEDS RCRA LIMITS.

* Det. Limits too High to determine
if suitable for unlined L.F.

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

4855 III NE
(SHEPHERDS)

55' 508 509 510 1 440 000 FEET 511 80° 52' 30" 35° 37' 30"



680 000
FEET
MOORESVILLE 3.6 MI.

BK0978PG0367

FILED
IREDELL COUNTY

96 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

IREDELL
~~DAVID~~
REGISTERED CLERK

001520

JIM DOLAN, as Agent for DS ASSOCIATES, being first duly sworn,
does hereby depose and say that:

1. DS ASSOCIATES is the record owner of a certain parcel of land designated as Lot 1 of Lake Norman Airport subdivision, as the same is platted, planned and recorded in Plat Book 24, at Page 117, in the Office of the Register of Deeds for Iredell County, North Carolina.
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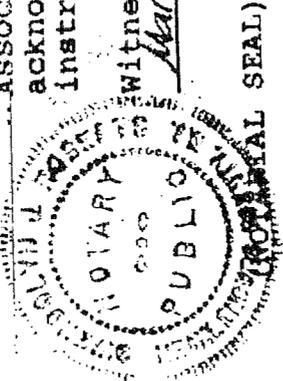
This the 22nd day of March, 1996.

DS ASSOCIATES

BY *J.P.D.* (SEAL)
Jim Dolan, Agent
James P. Dolan

STATE OF NORTH CAROLINA
COUNTY OF Mecklenburg

I, a Notary Public of the said County and State
aforesaid, do hereby certify that JIM DOLAN, Agent for DS
ASSOCIATES, personally appeared before me this day and
acknowledged the due execution of the foregoing
instrument.



Witness my hand and notarial seal, this 22nd day of
March, 1996.

Gwendolyn J. Roberts
Notary Public

My Commission Expires:

1-11-00

