Permit No.	Date	Document ID No.
36-12	**October 25, 2007**	**5641** was 3222

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North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director | **Division of Waste Management** | Michael F. Easley, Governor
William G. Ross Jr., Secretary
Document ID No. RCO3222

SOLID WASTE SECTION
October 25, 2007

Mr. Christopher Hallman
Waste and Remediation Management
Duke Energy Corporation
Post Office Box 1006
Charlotte, North Carolina 28201-1006

Subject: Duke Energy – Allen Steam Station
Retired Ash Basin CCP Landfill –
Test Fill Approval
Gaston County
Doc Id No: RCO3222

Dear Mr. Hallman:

On October 10, 2007 the Division of Waste Management received the documentation necessary for the approval of the Test Fill at Duke Energy's Allan Steam Plant. The Test Fill is to be constructed in accordance with the submitted documents dated October 8, 2007, on the Retired Ash Basin. The Test Fill is being constructed in preparation for the construction of the Retired Ash Basin CCP Landfill.

The purpose for the Test Fill, as stated in documents provided to the Division by S&ME, your engineering consultant, on September 19, 2007 and dated September 14, 2007; "*is to evaluate settlement and establish settlement parameters to corroborate, the current settlement analysis which is based on results of laboratory and in situ testing. The data and analyses obtained from the test fill are to be considered supplemental to analyses performed in support of the permit to construct application and engineering plan (PTC).*"

Approval of the Test Fill is contingent on the submission to the Division to the following information;

- Construction Documents – consisting of construction plans, details and technical specifications
- Erosion and Sediment Control Plan for the disturbance
- Monitoring Program Plan for the Test Fill
- Test Fill Report summarizing test fill construction and monitoring results

The Division is aware that Duke Energy Corporation proposes to leave the test fill in-place to be used as foundation fill for the proposed landfill, approval to leave the test fill in place will be contingent on the successful completion of the test program and demonstration of stability at completion of the monitoring period.

If you should have any questions regarding this matter please contact Mr. Larry Frost at (828) 296-4704.

Sincerely,

Edward F. Mussler III, P.E.
cn=Edward F. Mussler III, P.E., c=US, o=Division of Waste Management, ou=Solid Waste Section, email=ed.mussler@ncmail.net
I have reviewed this document and am approving this document
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Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

cc: Ken Daley – S&ME, 9751 Southern Pine Boulevard, Charlotte, NC 28273-5560
Larry Frost – SWS/ARO