

| Permit No. | Scan Date | DIN |
|------------------------|-------------------------|--------------|
| 3612-INDUS-2008 | October 17, 2013 | 19986 |

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RECEIVED
October 16, 2013
Solid Waste Section
Asheville Regional Office

October 16, 2013

Mr. Larry Frost
North Carolina Department of Environment and Natural Resources
Division of Waste Management, Solid Waste Section
2090 U.S. Highway 70
Swannanoa, NC 28778

Subject: Allen Steam Station
Retired Ash Basin (RAB) Ash Landfill (Permit No. 3612)
Notice of Release Beyond Edge of Liner

Dear Mr. Frost:

As discussed during our October 15 phone conversation, a release of waste material from the Allen RAB Ash Landfill beyond the edge of liner was noticed on Monday, October 14, 2013. The release occurred on the western sideslope of Cell 1, where a small sinkhole was determined as the cause of release. The sinkhole was approximately 3 feet in diameter and 8-10 feet deep (approximately 1-1 ½ cubic yards) and had developed along the sideslope above the edge of liner. The waste material that originated in the sinkhole cavity released through the sideslope approximately 30 feet below the sinkhole and 50 feet above the edge of liner. From the point of release, a thin layer of waste material was deposited along the remaining distance of the sideslope. A minimal amount of waste material was also noticed in the drainage ditch running south along the western edge of Cell 1.

To address this incident, on-site personnel will remove the waste material deposited along the western sideslope and in the drainage ditch using hand tools and a vacuum truck. This remedial work will be completed by the end of this week (no later than Friday, October 18). Active steps to address the root cause of the incident will also be addressed this fall.

If there are any questions regarding this report, please contact me at (704) 382-4761.

Sincerely,

A handwritten signature in black ink that reads "Sean DeNeale".

Sean DeNeale, Engineer II
Environmental Services

Electronic cc: Mr. Don Scruggs – Allen Steam Station
Mr. Ed Sullivan – Duke Energy Corporation

Frost, Larry

From: DeNeale, Sean <Sean.DeNeale@duke-energy.com>
Sent: Friday, October 18, 2013 8:42 AM
To: Frost, Larry
Cc: Scruggs, Don; Sullivan, Ed M; Wagner, Bill; Werner, Elizabeth
Subject: RE: Allen RAB Ash Landfill (Permit No. 3612) Waste Release

Good morning Larry,

I hope you have a good end to your week. As of yesterday afternoon (October 17), remedial actions have been completed to remove the released waste noticed on October 14 and brought to your attention on October 15. If you have any further questions concerning the incident or the remedial steps taken, please feel free to contact me.

Thanks & have a good one,

Sean DeNeale

Duke Energy - Environmental Services
Engineer II - Waste Programs
Office: (704) 382-4761
Cell: (704) 617-2393
Sean.DeNeale@duke-energy.com

From: Frost, Larry [<mailto:larry.frost@ncdenr.gov>]
Sent: Thursday, October 17, 2013 8:17 AM
To: DeNeale, Sean
Cc: Scruggs, Don; Sullivan, Ed M; Wagner, Bill; Werner, Elizabeth
Subject: RE: Allen RAB Ash Landfill (Permit No. 3612) Waste Release

Sean
Please notify me, when the cleanup is complete.
Larry

DIN 19986

Larry Frost, Environmental Engineer
North Carolina Division of Waste Management
Solid Waste Section - Permitting Branch
2090 U.S. Highway 70
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From: DeNeale, Sean [<mailto:Sean.DeNeale@duke-energy.com>]
Sent: Wednesday, October 16, 2013 8:47 AM
To: Frost, Larry

Cc: Scruggs, Don; Sullivan, Ed M

Subject: Allen RAB Ash Landfill (Permit No. 3612) Waste Release

Larry,

As discussed yesterday morning, attached is a letter summarizing the waste release incident at Allen Steam Station's Retired Ash Basin (RAB) Ash Landfill and the method for addressing the incident.

If you have any questions, feel free to ask. Thanks & have a good one!

Sean DeNeale

Duke Energy - Environmental Services

Engineer II - Waste Programs

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Cell: (704) 617-2393

Sean.DeNeale@duke-energy.com