

RECEIVED

OCT 21 2010



SOLID WASTE SECTION  
ASHEVILLE REGIONAL OFFICE

Permit No.	Date	DIN
3612	October 26, 2010	11928

October 19, 2010

North Carolina Department of Environment and Natural Resources  
Solid Waste Section, Division of Waste Management  
Asheville Regional Office  
2090 US Highway 70  
Swannanoa, NC 28778

Attention: Mr. Larry Frost, P.E.  
[larry.frost@ncdenr.gov](mailto:larry.frost@ncdenr.gov)

**Reference: Permit to Operate – Notification of Audible Alarms**  
Retired Ash Basin (RAB) – Ash Landfill (Permit No. 36-12)  
Duke Energy - Allen Steam Station, Belmont, NC  
S&ME Project No. 1356-06-825 Ph. 09  
North Carolina P.E. Firm License No. F-0176

Dear Mr. Frost:

On behalf of Duke Energy, and as you requested, S&ME, Inc. is submitting this letter to provide notification of the installation of audible alarms for the leachate collection systems (LCS) and leak detection systems (LDS) at Cell 1 and 2 of the RAB Ash Landfill at Duke Energy's Allen Steam Station. As described in the Operations Plan, the audible alarms were installed on each LCS and LDS control panel, and they are indicative of high liquid levels in the sumps. Photographs of the Cell 1 audible alarms are provided as an attachment. Cell 2 audible alarms were installed in a similar manner. Please contact us as your convenience if you have questions or need additional information.

Sincerely,  
**S&ME, Inc.**

Kyle Baucom, E.I.  
Staff Professional

  
Kenneth R. Daly, P.E. (CHR)  
Senior Project Engineer

Attachments: Photographs

Cc: Ted Manes, Duke Energy  
Andy Tinsley, Duke Energy

**Permit to Operate – Notification of Audible Alarms**

Project #: 1356-06-825 Ph. 09

Sheet 1 of 1



9751 Southern Pine Blvd.  
Charlotte, NC 28273

		Date: 10/6/2010
		Photographer: Kyle Baucom
<b>1</b>	<b>Location / Orientation</b>	South of Cell 1 at control panel facing north
	<b>Remarks</b>	Audible alarm installed on the left side of the LDS 1A control panel; alarm test button is red button inside of control panel door

		Date: 10/6/2010
		Photographer: Kyle Baucom
<b>2</b>	<b>Location / Orientation</b>	South of Cell 1 at control panel facing north
	<b>Remarks</b>	Audible alarms installed on left side of LDS 1A, LCS 1, and LDS 1B control panels

**LETTER OF TRANSMITTAL**



S&ME, Inc.  
 9751 Southern Pine Blvd.  
 Charlotte, North Carolina 28273  
 (704) 523-4726  
 Fax (704) 525-3953

**North Carolina Department of Environment and Natural Resources**

**Asheville Regional Office**

**2090 US HWY 70**

**Swannanoa, North Carolina 28778**

DATE	10/20/10	JOB NO.	1356-06-825
ATTENTION	Larry Frost		
RE:	Duke Energy – Allen Steam Station		
	RAB Ash Landfil		
	<b>RECEIVED</b>		
	OCT 21 2010		
Phone:			
Fax:	SOLID WASTE SECTION ASHEVILLE REGIONAL OFFICE		

WE ARE SENDING YOU  Attached  Under separate cover via \_\_\_\_\_ the following items:

<input type="checkbox"/> Drawings	<input type="checkbox"/> Prints	<input type="checkbox"/> Plans	<input type="checkbox"/> Samples	<input type="checkbox"/> Specifications
<input checked="" type="checkbox"/> Letter	<input type="checkbox"/> Report	<input type="checkbox"/> Calculation	<input type="checkbox"/> CD	

COPIES	DATE	NO.	DESCRIPTION
<b>1</b>	<b>10/20/10</b>		<b>Duke Energy - Allen Steam Station RAB Ash Landfill Permit to Operate – Notification of Audible Alarms</b>

THESE ARE TRANSMITTED as checked below:

- |  |   |
|--|---|
| <input type="checkbox"/> For approval            | <input type="checkbox"/> Sign and Return                  |
| <input type="checkbox"/> For your use            | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |
| <input checked="" type="checkbox"/> As requested |   |
| <input type="checkbox"/> For review and comment  |   |
| <input type="checkbox"/> FOR BIDS DUE            |   |

REMARKS

**Report includes: letter and attached photographs**

COPY TO File

SIGNED \_\_\_\_\_

**Kyle Baucom, E.I.**

IF ENCLOSURES ARE NOT AS NOTED, PLEASE NOTIFY US AT ONCE.