

8.4 REGULATORY INSPECTION SUMMARY

Date: 12/23/2008

To (Plant Manager): **Ronald C. Hall**

From: **Cynthia McCowan**

Regulatory Inspection Summary

1. Facility Inspected
Kingston Fossil Plant
2. Date of Inspection and duration
12/23/2008 1355 - 1434
3. Purpose of Inspection (routine compliance, NOV follow-up, permit renewal)
EMERGENCY (Dike Failure)
4. Media covered during inspection
SOLID WASTE
5. Name of Inspector and/or Agency
Rick Brown - TN Dept. of Environ. & Conservation - Solid Waste Division
6. Facility personnel participating or contacted during inspection
Jim Settles and Cynthia McCowan
7. Observations and/or problems identified by Inspector
See facility evaluation report from Inspector
8. Samples Collected
None
9. Records Reviewed
None
10. Deficiencies
None

Submitted by: **Cynthia W. McCowan**

Cc: Mgr., ENVIRONMENTAL COMPLIANCE (**Sharon Figures**)

NOTE: This summary is to be provided to the facility manager and faxed or emailed to ENV COMP. (751-7011) by the close of business on the day following the inspection. (See Section 6.2.6).



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
SOLID WASTE DISPOSAL FACILITY EVALUATION**

NAME OF SITE <i>TVA Kingston Power Plant Sluced Ash Landfill</i>		REGISTRATION NUMBER <i>10L 73-0094</i>	DATE <i>12-23-08</i>
LOCATION (physical) <i>TVA Kingston plant property, Swan Pond Rd off Hwy 70 near Kingston</i>		PURPOSE () Complete () Complaint () Follow-up () Other <i>Emergency</i>	
OWNER/OPERATOR <i>Owner Tennessee Valley Authority Generator's Capital Assets</i>		TYPE OF FACILITY () CLASS I () CLASS II () CLASS III () CLASS IV	
	V1 V2		V1 V2
Inadequate vector control	8010	___	___
Access not limited to operating hours	8020	___	___
Inadequate artificial or natural barrier	8030	___	___
Inadequate information signs	8040	___	___
Unsatisfactory access road(s)/parking area(s)	8050	___	___
Certified personnel not present during operating hours	8060	___	___
Unapproved salvaging of waste	8070	___	___
Evidence of open burning	8080	___	___
Inadequate fire protection	8090	___	___
Unsatisfactory litter control	8110	___	___
Inadequate employee facilities	8120	___	___
No communication devices	8130	___	___
Inadequate operating equipment	8140	___	___
Unavailability of backup equipment	8150	___	___
Unavailability of cover material	8160	___	___
Inadequate maintenance of runoff/runoff system(s)	8170	___	___
Inadequate erosion control	8180	___	___
Inadequate dust control	8190	___	___
Unauthorized waste accepted	8210	___	___
Unapproved special waste accepted	8220	___	___
Tires improperly handled	8230	___	___
Medical waste improperly handled	8240	___	___
Dead animals improperly handled	8250	___	___
Washout of solid waste	8270	___	X
No permanent benchmark	8280	___	___
Inadequate random inspection program	8290	___	___
Mishandling of special waste	8300	___	___
Buffer zone standard violated	8310	___	___
Inadequate maintenance of leachate management system	8320	___	___
		Leachate improperly managed	8330
		Inadequate leachate collection system	8340
		Leachate observed at the site	8350
		Leachate entering runoff	8360
		Leachate entering a water course	8370
		Inadequate gas migration control system	8380
		Inadequate maintenance of migration control system	8390
		Potential for explosions or uncontrolled fires	8420
		Waste not confined to manageable area	8430
		Improper spreading of waste	8440
		Improper compacting of waste	8450
		Unsatisfactory initial cover	8460
		Unsatisfactory intermediate cover	8470
		Unsatisfactory final cover	8480
		Excessive pooling of water	8490
		Unsatisfactory stabilization of cover	8510
		Dumping of waste into water	8520
		Unsatisfactory records or reports	8530
		Groundwater monitoring system improperly maintained	8540
		Operation does not correspond with engineering plans	8570
		Operation does not correspond with permit condition(s)	8580
		Permit, plans, operating manual not available	8590
		No operating scales	8610

COMMENTS: *The west slope of the landfill failed, and two cells, the northernmost old cell and the interim cell emptied out their contents. Swan Pond Road was covered and they are starting to excavate it onto Ash filled a large portion of an embankment of the lake. TVA is now trying to stop the slide from going further and road clearing is beginning. They are building a berm into the lake to stop it from spreading further.*

PERSON INTERVIEWED (Signature) <i>[Signature]</i>	INSPECTED BY (Signature) <i>[Signature]</i>
TITLE <i>[Title]</i>	TITLE <i>Environmental Engineer</i>
TIME OF DAY <i>2:00-3:00 PM</i>	WEATHER CONDITIONS <i>Cloudy, 30's</i>
COMPLIANCE DATE <i>1</i>	

Distribution: Facility - White Field Office - Canary Central Office - XC