

8.4 REGULATORY INSPECTION SUMMARY

Date: **03/20/2008**

To (Plant Manager): **Robert L. Rehberg**

From: **Cynthia McCowan**

Regulatory Inspection Summary

1. Facility Inspected

Kingston Fossil Plant

2. Date of Inspection and duration

03/20/2008 09:46 a.m. – 11:00 a.m.

3. Purpose of Inspection (routine compliance, NOV follow-up, permit renewal)

ROUTINE COMPLIANCE

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

7. Observations and/or problems identified by Inspector

Regulator was complimentary of the work being done on the slope benches and dredge cells

8. Samples Collected

None

9. Records Reviewed

None

10. Deficiencies

None

Submitted by: **Cynthia W. McCowan**

Cc: Mgr., ENVIRONMENTAL COMPLIANCE (**Betty Dyer**)

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**

0017

NAME OF SITE <i>TVA Kingston Inc Plant Slurry Coal Ash Landfill</i>		REGISTRATION NUMBER <i>101 73-0094</i>		DATE <i>March 30 2008</i>		
LOCATION (physical) <i>Seven P. Rd. off Hwy 70 west of Kingston</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other			
OWNER/OPERATOR <i>Tennessee Valley Authority</i>		TYPE OF FACILITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV				
		V1	V2		V1	V2
Inadequate vector control	8010	—	—	Leachate improperly managed	8330	—
Access not limited to operating hours	8020	—	—	Inadequate leachate collection system	8340	—
Inadequate artificial or natural barrier	8030	—	—	Leachate observed at the site	8350	—
Inadequate information signs	8040	—	—	Leachate entering runoff	8360	—
Unsatisfactory access road(s)/parking area(s)	8050	—	—	Leachate entering a water course	8370	—
Certified personnel not present during operating hours	8060	—	—	Inadequate gas migration control system	8380	—
Unapproved salvaging of waste	8070	—	—	Inadequate maintenance of gas migration control system	8390	—
Evidence of open burning	8080	—	—	Potential for explosions or uncontrolled fires	8420	—
Inadequate fire protection	8090	—	—	Waste not confined to a manageable area	8430	—
Unsatisfactory litter control	8110	—	—	Improper spreading of waste	8440	—
Inadequate employee facilities	8120	—	—	Improper compacting of waste	8450	—
No communication devices	8130	—	—	Unsatisfactory initial cover	8460	—
Inadequate operating equipment	8140	—	—	Unsatisfactory intermediate cover	8470	—
Unavailability of backup equipment	8150	—	—	Unsatisfactory final cover	8480	—
Unavailability of cover material	8160	—	—	Excessive pooling of water	8490	—
Inadequate maintenance of runoff/runoff system(s)	8170	—	—	Unsatisfactory stabilization of cover	8510	—
Inadequate erosion control	8180	—	—	Dumping of waste into water	8520	—
Inadequate dust control	8190	—	—	Unsatisfactory records or reports	8530	—
Unauthorized waste accepted	8210	—	—	Groundwater monitoring system improperly maintained	8540	—
Unapproved special waste accepted	8220	—	—	Operation does not correspond with engineering plans	8570	—
Tires improperly handled	8230	—	—	Operation does not correspond with permit condition(s)	8580	—
Medical waste improperly handled	8240	—	—	Permit, plans, operating manual not available	8590	—
Dead animals improperly handled	8250	—	—	No operating scales	8610	—
Washout of solid waste	8270	—	—			
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	—	—			

COMMENTS: *All slopes appear stable. Areas that had year seen to be building. They are grading the benches to make more slope and installing downdrains. Ash is being ~~transported~~ dug out of part of lower cell with a digger to raise a higher section. Down more ash is ~~disposed~~ into the hole that was created.*

PERSON INTERVIEWED (Signature) *[Signature]* INSPECTED BY (Signature) *Rick Brown*
TITLE *[Signature]* TITLE *Environmental Engineer*

TIME OF DAY *10:06-10:30* WEATHER CONDITIONS *Sunny ~ 50°* COMPLIANCE DATE *[Signature]*

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