

**8.4 REGULATORY INSPECTION SUMMARY**

Date: 12-06-06  
To: (Plant Mgr.) Mike Beckham  
From: Linda Campbell

**Regulatory Inspection Summary**

- 1. Facility Inspected Kingston Fossil Plant
- 2. Date of Inspection & duration 12-06-06 1 hour
- 3. Purpose of Inspection (routine compliance, NOV follow-up, permit renewal)  
Routine Compliance plus inspection of new seep on stacking cells.
- 4. Media covered during inspection Solid Waste
- 5. Name of Inspector & Agency Rick Brown, TDEC
- 6. Facility personnel participating or contacted during inspection Linda Campbell, Jim Settles, & Matt Phillips

7. Observations or problem identified by inspector - Observations: "A small seep (actually several) has occurred on the back side along the public road near where it happened before. They have stopped sluicing ash into upper (original) cells & have let them dry out. The surface is solid & dry right now. They are sluicing into the interim cell now. They have placed piezometers along seep area and are studying it; also pumping water out from a well. Soon they will dig into it as part of the study. They placed rock along the seeps to keep ash from coming out. Observe the site, it is in satisfactory condition." **NOTE: The above information was taken from Mr. Brown's evaluation form.**

8. Samples collected No

9. Records Reviewed No

10. Deficiencies No

Submitted by: Linda Campbell

cc: Mgr., ENV. AFF. (Betty Dyer)

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

Environmental Processes/Regulator Ins. Form



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

|   |      |  |     |  |      |
|---|------|--|-----|--|------|
| NAME OF SITE<br><i>TVA Kingston Sluiced Coal Ash Landfill</i>   |      | REGISTRATION NUMBER<br><i>IDL 73-0094</i>  |     | DATE<br><i>December 6 2006</i>                         |      |
| LOCATION (physical)<br><i>Swan Pond Rd. off Hwy 70 west of Kingston</i>   |      | PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up<br><input type="checkbox"/> Complaint <input type="checkbox"/> Other           |     |  |      |
| OWNER/OPERATOR<br><i>Owner: Tennessee Valley Authority Contact: Linda Campbell</i>  |      | TYPE OF FACILITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II<br><input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV |     |  |      |
|   |      | 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: <i>A small seep (actually several) has occurred on the back side along the public road near where it happened before. They have stopped sluicing ash into upper (original) cells and have let them dry out. The surface is solid &amp; dry here now. They are sluicing into the interim cell now. They have placed precasters along seep area and are studying to also pump water out from a well soon they will dig into it as part of the study. They</i> |      |  |     |  |      |
| PERSON INTERVIEWED<br>(Signature) <i>Linda Campbell</i>   |      | INSPECTED BY<br>(Signature) <i>Pete Brown</i>  |     |  |      |
| TITLE <i>PA (E)</i>   |      | TITLE <i>Environmental Engineer</i>  |     |  |      |
| TIME OF DAY <i>1:45 - 2:30 PM</i>   |      | WEATHER CONDITIONS <i>Cloudy, or SW</i>  |     | COMPLIANCE DATE  |      |

*placed rock along the seeps to keep ash from coming out. Otherwise, the site is in satisfactory condition.*

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

RDAs 2202 and 2499