1. Incident Name Fly Ash Pond Incident	2. Issue (Date/Time) 1/14/2009 1:07:52 PM	ORIGINAL DOCUMENT

3. Approved by Incident Commander(s):

ORG	NAME
RPIC	Tim Hope (TVA)
SOSC	Bob Alexander (SOSC)
Roane Co.	Howie Rose (RCEMA)

Incident Action Plan Addendum
January 14, 2009

Addendum to IAP Period #7 – January 9 – January 23, 2009
ICS 204 – GEOTUBE ACTIVITY

.

4. Prepared by:
Melanie Jarrell, Planning

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-CG
KIF Fly Ash Pond Incident	From: 010909 0600hrs To: 012309 0600hrs	
3. Branch	**4. Division/Group/Staging** Field Monitoring/Sampling Team	

5. Operations Personnel

	Name	Affiliation	Contact # (s)
Operations Section Chief:	Bob Summers	TVA	
Branch Director:			
Division/Group Supervisor/STAM:	Gary Melton -	Engineering	

6. Resources Assigned "X" indicates 204a attachment with additional instructions

Field Team Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks	
Geotube Bench Test					
Brian Mastin		616-881-1031		WaterSolve	
Tommy Spikes		706-847-1133		TenCate Geotube	
Ed Trainer		770-540-5217		TenCate Geotube	
Larry Leach		606-232-9056		InfraStructure Alternatives	
John Adam		616-430-0671		InfraStructure Alternatives	
Dana Trierweiler		616-318-3266		InfraStructure Alternatives	

7. Work Assignments

- See Instructions Below.

8. Special Instructions

DAY 1 – Geotube Bench Test:

- Collected 5 gallon sample dry ash from settling pond.
- Diluted with 15 gallon lagoon water to 20% solids (5 pails)
- Conditioned each pail with 75ppm Solve 426 followed by 150ppm Solve 2230C.
- Mixed and poured 20 gallons conditioned material into 1 ft3 GDT test bag, captured solids in bag –
- Filtrate collected for chemical analysis (TVA)
- Excess contained in 55 gallon drum.

DAY 2 –

- Conduct full-scale pilot test using a 60' circumference by 100' long Geotube® container.
- TVA to dredge/pump slurried ash lagoon solids @ 20% solids with 3,000 gpm flow.
- TVA providing 14" discharge pipe, T'd to 8" flange fitting, flow to Geotube® 1,000gpm; flow back to lagoon from 14" pipe 2,000gpm.
- Infrastructure connecting 8" flange to Geotube® container with 8" flexline.
- Polymer injection w/8" spool piece to Geotube® fill line.
- 75ppm Solve 426/3211 followed by 150ppm Solve 162/2230C.
- Maximum 300,000 gallon total volume of slurry to Geotube® container.
- Filtrate managed with visqueen back to ash lagoon.
- Filtrate sampling/ Geotube® solids sampling to be conducted by TVA.

9. Communications (radio and/or phone contact numbers needed for this assignment)

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager	

Emergency Communications

Medical 911 Evacuation Other

10. Prepared by:	Date/Time	11. Reviewed by (PSC):	Date/Time	12. Reviewed by (OSC):	Date/Time
PM	1/14/2009 12:41		1/14/2009 12:41 PM		