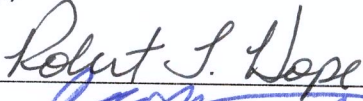
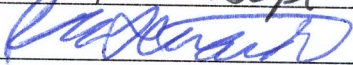


1. Incident Name
Fly Ash Pond Incident

2. Issue (Date/Time)
1/14/2009 1:07:52 PM

ORIGINAL DOCUMENT

3. Approved by Incident Commander(s):

<u>ORG</u>	<u>NAME</u>	
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 KIF Fly Ash Pond Incident		2. Operational Period (Date/Time) From: 010909 0600hrs To: 012309 0600hrs		Assignment List ICS 204-CG	
3. Branch			4. Division/Group/Staging Field Monitoring/Sampling Team		
5. Operations Personnel					
Operations Section Chief: _____		Name Bob Summers	Affiliation TVA	Contact # (s)	
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:		11. Reviewed by (PSC):		12. Reviewed by (OSC):	
Date/Time		Date/Time		Date/Time	
1/14/2009 12:41		1/14/2009 12:41 PM			
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