

1. Incident Name
Fly Ash Pond Incident

2. Operational Period to be covered by IAP (Date / Time)
From: JAN 9 09 06:00 To: JAN 23 09 06:00

CG IAP
COVER SHEET

3. Approved by:

ORG	NAME
FOSC	Steve Spurlin (EPA) <i>Steve Spurlin</i>
SOSC	Richard Taylor (TEMA) <i>Richard Taylor</i>
IC	Tim Hope <i>Robert J. Hope</i>
Roane County	Howie Rose

INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ICS 202-OS (Response Objectives)
- ICS 203-OS (Organization List) - or - ICS 207-OS (Organization Chart)
- ICS 204-CGs (Assignment Lists)
One Copy each of any ICS 204-CG attachments:
- ICS 205-CG (Communications Plan)
- ICS 206-CG (Medical Plan)
- ICS 208-CG (Site Safety Plan) or Note SSP Location
- Map/Chart
- Weather forecast / Tides/Currents

Other Attachments

- ICS 220 - Air Operations Summary
- ICS 232 - Resources at Risk
-
-
-
-
-
-
-
-
-

Shoreline Debris Cleanup



4. Prepared by:

Melanie Jarrell

Date/Time:

JAN 8 09 13:55

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00	INCIDENT OBJECTIVES ICS 202-CG
3. Objective(s) <ul style="list-style-type: none"> • Ensure the Safety of Citizens and Response Personnel • Keep the Public and Stakeholders Informed of Response Activities • Maximize the Protection of Environmentally Sensitive Areas • Return Community to Normal Conditions 		
4. Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions) <ul style="list-style-type: none"> • Update the stakeholders on a regular basis. • Company personnel to develop long range remediation project plan. • Develop and implement byproduct management plan. • Maximize Road and Rail Clean Up, along with Weir construction. • Maintain the Unified Command Approved Cenosphere Plan. • Implement Data Management System. • Implement Debris Clean Up Plan. • Establish and Implement Sampling and Remediation Plan for Potential Short Term Threats Posed to the Public. • Establish Long Term Sampling and Monitoring Program. 		
Approved Site Safety Plan Located at:		
10. Prepared by: (Planning Section Chief) Don Costanzo		Date / Time: JAN 7 09 09:37

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment List ICS 204-CG	
3. Branch Response		4. Division/Group/Staging Division A			
5. Operational Personnel		Name		Affiliation	
Operations Section Chief:		Bob Summers		Tennessee Valley Authority	
Branch Director:		Scott Hess		O'Briens Response Management	
Division/Group Supervisor/STAM:		Pete Parker		O'Briens Response Management	
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier		Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
7500 ft - 18" Boom					On Site <input type="checkbox"/>
1- Boom Trailer (Hepaco)					On Site <input type="checkbox"/>
2 - Air Mover (Hepaco)					On Site <input type="checkbox"/>
2 - Hepaco Work Boats					On Site/ Demobilizing (1/8/09) <input type="checkbox"/>
22 SWS - 16 HEPACO				38	On Site/ 16 HEPACO personnel demobilizing (1/8/09) <input type="checkbox"/>
2 Skimmers (SWS)					On Site <input type="checkbox"/>
4 - Vacuum Trucks (SWS)					On Site <input type="checkbox"/>
7-Work Boats (SWS)					On Site <input type="checkbox"/>
3-Boom Anchors (Hepaco)					On Site <input type="checkbox"/>
2-Chain Saws (Hepaco)					On Site <input type="checkbox"/>
2-Vacuum Tructs (Hepaco)					On Site <input type="checkbox"/>
4-Vehicles (Hepaco)					On Site <input type="checkbox"/>
6-Vehicles (SWS)					On Site <input type="checkbox"/>
7. Work Assignments					
<p>Deploy boom in a protective fashion to protect sensitive areas. Methods of booming may include deflection or exclusion. Boom has been placed south of the Harriman Utility Board Water Intake to prevent migration. This will be daylight operations only.</p>					
8. Special Instructions					
<p>Tailgate Safety Meetings will be conducted prior to the days operations. Areas may be sensitive according to environmental, economical, or ecological concerns. All personnel will follow the guidelines set forth in the Site Safety Plan. All injuries will be recorded on a SHARE card and turned into Safety. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear a PFD while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.</p>					
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)	
Scott A. Hess		_____		_____	
Date/Time		Date/Time		Date/Time	
JAN 8 09 07:11		_____		_____	

ASSIGNMENT LIST

ICS 204-CG (Rev. 10/07)

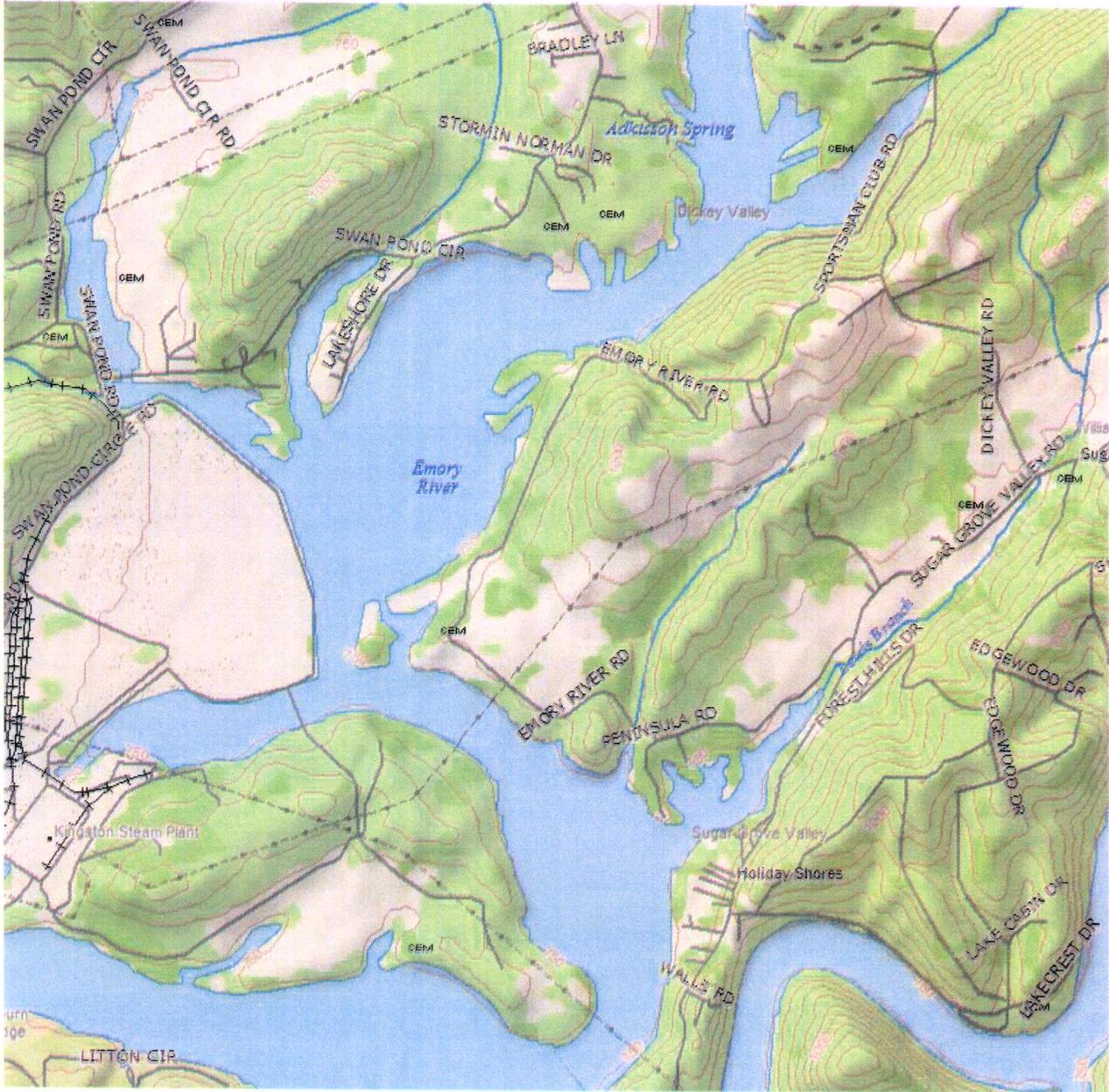
1. Incident Name
Fly Ash Pond Incident

2. Operational Period (Date / Time)
From: JAN 9 09 06:00 To: JAN 23 09 06:00

Assignment Picture Attachment
ICS 204-a2

Organization Name
Division A

ID#
Area Of Operation



Prepared By: (Situation Unit)
Scott A. Hess

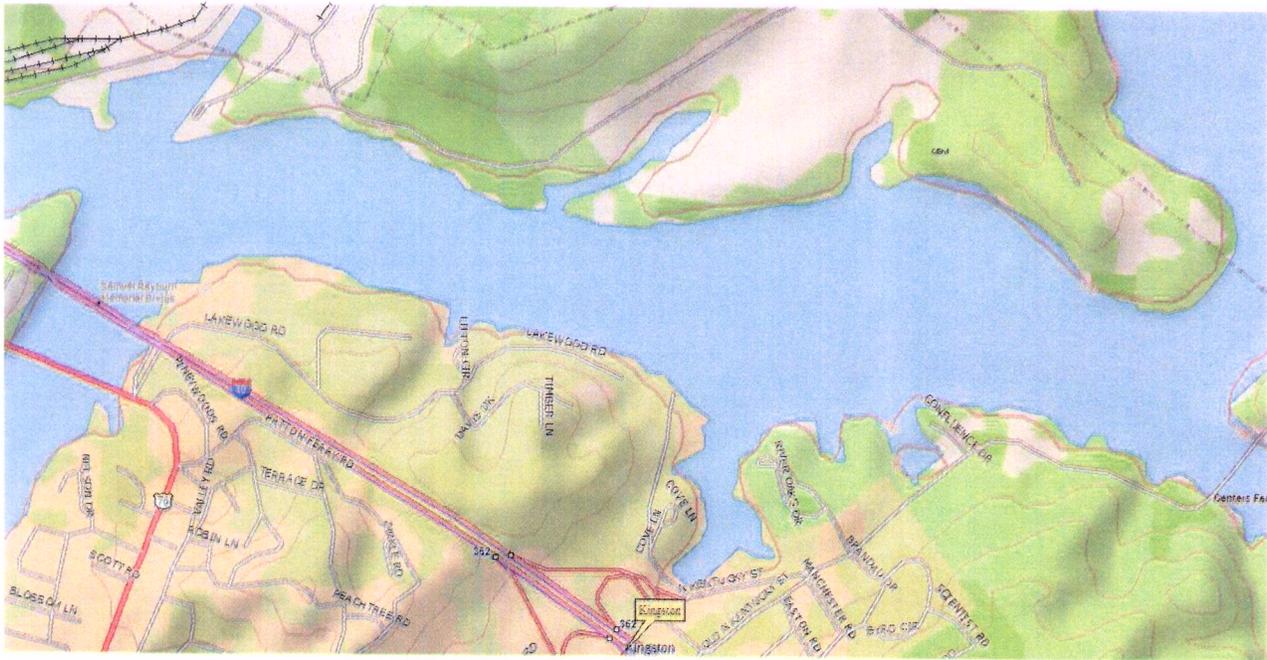
Date / Time:
JAN 8 09 07:11

ASSIGNMENT PICTURE ATTACHMENT

ICS 204-a2

1. Incident Name						2. Operational Period (Date / Time)			Assignment List			
Fly Ash Pond Incident						From: JAN 9 09 06:00			To: JAN 23 09 06:00			ICS 204-CG
3. Branch						4. Division/Group/Staging						
Response						Division B						
5. Operational Personnel		Name		Affiliation		Contact # (s)						
Operations Section Chief:		Bob Summers		Tennessee Valley Authority								
Branch Director:		Scott Hess		O'Briens Response Management								
Division/Group Supervisor/STAM:		Trent Sehlinger		O'Briens Response Management								
6. Resources Assigned						"X" indicates 204a attachment with additional instructions						
Strike Team/Task Force/Resource Identifier		Leader		Contact Info. #		# Of Persons		Reporting Info/Notes/Remarks				
21- Personnel						21		On Site <input type="checkbox"/>				
1500' - 18" Boom • 1,800 ft								On Site <input type="checkbox"/>				
1-Roll Off Box (Hepaco)								On Site <input type="checkbox"/>				
1-Vehicle (SWS)								On Site <input type="checkbox"/>				
6-Air Movers (Hepaco)								On Site <input type="checkbox"/>				
2-Air Movers (SWS)								On Site <input type="checkbox"/>				
1-Trash Pump (SWS)								On Site <input type="checkbox"/>				
1-Skimmer Barge								On Site <input type="checkbox"/>				
1 400' - 8"-12" Boom, 400 ft								On Site <input type="checkbox"/>				
3 - Workboat (Hepaco)								On Site <input type="checkbox"/>				
7. Work Assignments												
Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only.												
8. Special Instructions												
Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All injuries will be recorded on a SHARE card and turned into Safety. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.												
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		
Scott A. Hess		JAN 8 09 07:09										

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00	Assignment Picture Attachment ICS 204-a2
Organization Name Division B	ID# Area Of Operation	



Prepared By: (Situation Unit)
 Scott A. Hess

Date / Time:
 JAN 8 09 07:09

ASSIGNMENT PICTURE ATTACHMENT

ICS 204-a2

1. Incident Name					2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident					From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG	
3. Branch			4. Division/Group/Staging					
Response			Division C					
5. Operational Personnel		Name		Affiliation		Contact # (s)		
Operations Section Chief:		Bob Summers		Tennessee Valley Authority				
Branch Director:		Scott Hess		O'Briens Response Management				
Division/Group Supervisor/STAM:		Steve Smith		O'Briens Response Management				
6. Resources Assigned					"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier		Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks			
10- SWS Work Boat					On Site <input type="checkbox"/>			
2 - Vacuum Truck (SWS)					On Site <input type="checkbox"/>			
18" Boom • 3400 ft					On Site <input type="checkbox"/>			
4-Hepaco Work Boat					On Site <input type="checkbox"/>			
Personnel (33 Hepaco-20 SWS)				53	On Site <input type="checkbox"/>			
1-Hose Trailer (Hepaco)					On Site <input type="checkbox"/>			
2-Vacuum Truck (Hepaco)					On Site <input type="checkbox"/>			
1-VTU (SWS)					On Site <input type="checkbox"/>			
4-Air Movers (Hepaco)					On Site <input type="checkbox"/>			
3-Air Movers (SWS)					On Site <input type="checkbox"/>			
2-Vehicles (Hepaco)					On Site <input type="checkbox"/>			
4-Vehicles (SWS)					On Site <input type="checkbox"/>			
2-2" Trash Pumps (Hepaco)					On Site <input type="checkbox"/>			
6-2"Trash Pumps (SWS)					On Site <input type="checkbox"/>			
7. Work Assignments								
Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only.								
8. Special Instructions								
Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All injuries will be recorded on a SHARE card and turned into Safety. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.								
9. Communications (radio and/or phone contact numbers needed for this assignment)								
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager	
_____		_____			_____		_____	
_____		_____			_____		_____	
_____		_____			_____		_____	
Emergency Communications								
Medical: _____			Evacuation: _____			Other: _____		
10. Prepared by		Date/Time	11. Reviewed by (PSC)		Date/Time	12. Reviewed by (OSC)		Date/Time
Scott A. Hess		JAN 8 09 07:05						

1. Incident Name
Fly Ash Pond Incident

2. Operational Period (Date / Time)
From: JAN 9 09 06:00 To: JAN 23 09 06:00

Assignment Picture Attachment
ICS 204-a2

Organization Name
Division C

ID#
Area Of Operation



Prepared By: (Situation Unit)
Scott A. Hess

Date / Time:
JAN 8 09 07:05

ASSIGNMENT PICTURE ATTACHMENT

ICS 204-a2

1. Incident Name					2. Operational Period (Date / Time)		Assignment List		
Fly Ash Pond Incident					From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG		
3. Branch			4. Division/Group/Staging						
Response			Division D						
5. Operational Personnel		Name		Affiliation		Contact # (s)			
Operations Section Chief:		Bob Summers		Tennessee Valley Authority					
Branch Director:		Scott Hess		O'Briens Response Management					
Division/Group Supervisor/STAM:		Andy Sylvest		O'Briens Response Management					
6. Resources Assigned					"X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier		Leader		Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks			
7150 ft - 18" Boom						On Site <input type="checkbox"/>			
5 - Workboat (SWS)						On Site <input type="checkbox"/>			
2- Vacuum Truck (SWS)						On Site <input type="checkbox"/>			
1 - Skimming Barge Sets (SWS)						On Site <input type="checkbox"/>			
1 - Track Hoe (SWS)						On Site <input type="checkbox"/>			
1- Air Compressor (SWS)						On Site <input type="checkbox"/>			
1- Roll off box (SWS)						On Site <input type="checkbox"/>			
17 - Personnel (SWS)					29	On Site <input type="checkbox"/>			
1- Roll off box truck (SWS)						On Site <input type="checkbox"/>			
1- Track Hoe/Excavator (SWS)						On Site <input type="checkbox"/>			
3- Trash Pumps (SWS)						On Site <input type="checkbox"/>			
9- Vehicles						On Site <input type="checkbox"/>			
25ft - 8"-12" Boom						On Site <input type="checkbox"/>			
7. Work Assignments									
<p>Recover floating debris wherever possible. Make use of catch booms to recover material in the heaviest concentrations possible. Recover material making landfall on public beaches. These will be daylight operations only. Kingston Water Intake has been boomed off and will be maintained.</p>									
8. Special Instructions									
<p>Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.</p>									
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)	
Scott A. Hess		JAN 8 09 07:07							

ASSIGNMENT LIST

ICS 204-CG (Rev. 10/07)

1. Incident Name
Fly Ash Pond Incident

2. Operational Period (Date / Time)
From: JAN 9 09 06:00 To: JAN 23 09 06:00

Assignment Picture Attachment
ICS 204-a2

Organization Name
Division D

ID#
Area Of Operation



Prepared By: (Situation Unit)
Scott A. Hess

Date / Time:
JAN 8 09 07:07

ASSIGNMENT PICTURE ATTACHMENT

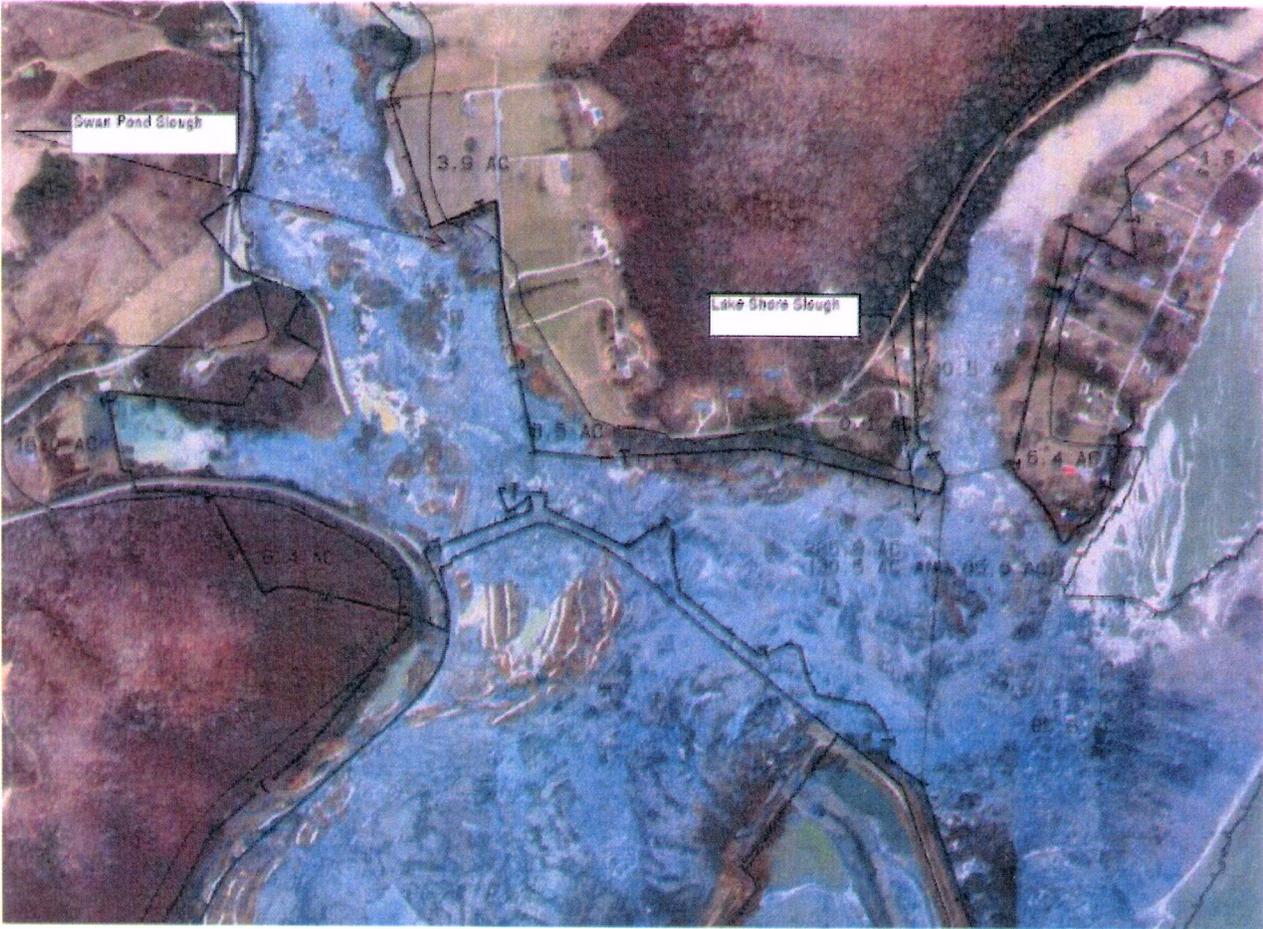
ICS 204-a2

1. Incident Name		2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident		From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG	
3. Branch		4. Division/Group/Staging			
Recovery & Construction		Recovery & Construction			
5. Operational Personnel		Name		Affiliation	
		Operations Section Chief: Bob Summers		Tennessee Valley Authority	
		Branch Director: Brad Workman		Tennessee Valley Authority	
		Division/Group Supervisor/STAM: _____			
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks	
74-Heavy Equipment				On Site	<input type="checkbox"/>
187-Personnel			187	On Site	<input type="checkbox"/>
7. Work Assignments					
<p>Clear Railroad Tracks of all debris. Clear Swan Pond Road of all debris. Clear Swan Pond Circle Rd. Drain Valley behind church. Dig trench to dredge in Lake Shore Slough and monitor recovered volumes. Dig trench to dredge in Swan Pond Slough and monitor recovered volumes. Erect fences for private citizens if needed. Clean private driveways. Operations will continue through the night. Set up operations at command Park.</p>					
8. Special Instructions					
<p>All personnel are to follow guidelines set forth in the Site Safety Plan. All new personnel are to check in with security. All personnel are to refer any media inquiries to the Joint Information Center (JIC). Report all injuries to a safety representative as soon as possible. Resources are shared with the South Side Road operations.</p>					
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)	
Scott A. Hess		_____		_____	
Date/Time JAN 8 09 15:50		Date/Time		Date/Time	

ASSIGNMENT LIST

ICS 204-CG (Rev. 10/07)

1. Incident Name Fly Ash Pond Incident			2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment Picture Attachment ICS 204-a2	
Organization Name Recovery & Construction				ID#	Area Of Operation	



Prepared By: (Situation Unit)
Scott A. Hess

Date / Time:
JAN 8 09 08:08

1. Incident Name Fly Ash Pond Incident					2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment List ICS 204-CG	
3. Branch Debris Removal			4. Division/Group/Staging On Water					
5. Operational Personnel		Name		Affiliation		Contact # (s)		
Operations Section Chief:		Bob Summers		Tennessee Valley Authority				
Branch Director:		Tony Knight		TVA				
Division/Group Supervisor/STAM:		Tony Knight		TVA				
6. Resources Assigned					"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier		Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks			
1 - Cranes (TVA)					On Site <input type="checkbox"/>			
36 - Barges (P&J)					On Site <input type="checkbox"/>			
16 - Personnel (P&J)				20	On Site <input type="checkbox"/>			
6 - Excavator (P&J)					On Site <input type="checkbox"/>			
3 - Barge Thrusters (P&J)					On Site <input type="checkbox"/>			
5 - Boats (P&J)					On Site <input type="checkbox"/>			
7. Work Assignments								
Remove all floating and visible submerged debris from waterway. Barges will be unloaded shore side by the excavator.								
8. Special Instructions								
All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. All injuries will be recorded on a SHARE card and turned into Safety								
9. Communications (radio and/or phone contact numbers needed for this assignment)								
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager	
Hailing Frequency		Ch 16						
Emergency Communications								
Medical: 911			Evacuation: _____			Other: _____		
10. Prepared by		Date/Time	11. Reviewed by (PSC)		Date/Time	12. Reviewed by (OSC)		Date/Time
Scott A. hess		JAN 8 09 08:09						

1. Incident Name					2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident					From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG	
3. Branch			4. Division/Group/Staging					
Debris Removal			Land					
5. Operational Personnel		Name		Affiliation		Contact # (s)		
Operations Section Chief:		Bob Summers		Tennessee Valley Authority				
Branch Director:		Tony Knight		TVA				
Division/Group Supervisor/STAM:		Bennett Simar		O'Briens Response Management				
6. Resources Assigned					"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier		Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks			
ATV (HED)					On Site <input type="checkbox"/>			
20-Personnel (HED)				20	On Site <input type="checkbox"/>			
1-Utility Trailer (HED)					On Site <input type="checkbox"/>			
3-Vehicles (HED)					On Site <input type="checkbox"/>			
2-Chain Saws (HED)					On Site <input type="checkbox"/>			
7. Work Assignments								
Remove debris from shoreline. Debris will be stored in roll off boxes for disposal. This group will be working in all divisions. Lead will work closely with Community Outreach.								
8. Special Instructions								
All personnel will be marked with high visibility vests. Tailgate Safety Meetings will be conducted prior to the days operations. All personnel will follow the guidelines set forth in the Site Safety Plan. All incidents and near misses will be reported to a safety representative as soon as possible. On water operations will not be conducted while visibility is limited unless it is safe to do so. All personnel will wear PFDs while working on the water. If a deceased bird is found, do not touch. Mark the birds location and call the Command Post immediately.								
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
Scott A. Hess		JAN 8 09 08:09						

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Dust Suppression		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA		
Branch Director:	Jamie Dotson	TVA		
Division/Group Supervisor/STAM: _____				
6. Resources Assigned "X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks
Helicopter	Bob Summers			On-Scene <input type="checkbox"/>
7. Work Assignments				
<p>Ground Application:</p> <ul style="list-style-type: none"> - Apply Myncryl X-50 to ash using portable pump system where safely possible. - Document where and when applications are made. <p>Aerial Application:</p> <ul style="list-style-type: none"> - Use helicopter to apply hydro-seeding where safely possible. - Document results. <p>See Branch Director for Scope of Work</p>				
8. Special Instructions				
<p>Coordinate with ops chief prior to initiating application. JSA required prior to application for both aerial and ground application.</p>				
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)
Scott A. Hess				
Date/Time		Date/Time		Date/Time
JAN 8 09 13:14				

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment List ICS 204-CG	
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling			
Task Force/Strike Team Ash Containment Monitoring		Team			
5. Operational Personnel					
	Name	Affiliation	Contact # (s)		
Operations Section Chief:	Bob Summers	TVA			
Branch Director:	Jamie Dotson	TVA			
Division/Group Supervisor/STAM:	Dennis Yankee				
Task Force/Strike Team Leader:	John Hutmaker				
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks	
Ash Containment Monitoring Resources	John Hutmaker			On Site	<input type="checkbox"/>
1 - Monitoring Boat				On Site	<input type="checkbox"/>
4 - Monitoring personnel				On Site	<input type="checkbox"/>
7. Work Assignments					
Conduct periodic depth soundings in designated area of the Clinch River Conduct periodic depth soundings at cold water retention dam at Clich River Mile 4 Marker.					
8. Special Instructions					
Follow on site safety plan					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager		
_____	_____	_____	_____		
_____	_____	_____	_____		
Emergency Communications					
Medical: _____	Evacuation: _____	Other: _____			
10. Prepared by		11. Reviewed by (PSC)		12. Reviewed by (OSC)	
Scott A. Hess	Date/Time JAN 7 09 13:55		Date/Time		Date/Time

1. Incident Name					2. Operational Period (Date / Time)		Assignment List		
Fly Ash Pond Incident					From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG		
3. Branch Environmental Unit			4. Division/Group/Staging Monitoring & Sampling						
Task Force/Strike Team Water Monitoring & Sampling			Team						
5. Operational Personnel		Name		Affiliation		Contact # (s)			
Operations Section Chief:		Bob Summers		TVA					
Branch Director:		Jamie Dotson		TVA					
Division/Group Supervisor/STAM:		Dennis Yankee							
Task Force/Strike Team Leader:		J. Burke / Phylis Hilton							
6. Resources Assigned					"X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier		Leader		Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks			
Water Monitoring & Sampling Resources		J. Burke / Phylis Hilton				On Site <input type="checkbox"/>			
3 - Boats						On Site <input type="checkbox"/>			
4 - Vehicles						On Site <input type="checkbox"/>			
2 - ATV						On Site <input type="checkbox"/>			
2 - Equipment Trailer						On Site <input type="checkbox"/>			
10 - Personnel					13	On Site <input type="checkbox"/>			
2-Boats (TWRA)						On Site/Aquatic Monitoring (2 day duration) <input type="checkbox"/>			
5-Personel (TWRA)					5	On Site/Aquatic Monitoring (2 day duration) <input type="checkbox"/>			
7. Work Assignments									
Conduct periodic sampling of river and ground water as directed by Water Sampling Plan Ops shared by TVA on MON, WED, FRI and TDEC on TUE, THU.									
8. Special Instructions									
Follow standard protocols as outlined in Water Sampling Plan Conduct pre-shift safety meetings Conduct JSA's as needed.									
9. Communications (radio and/or phone contact numbers needed for this assignment)									
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager		
_____		_____			_____		_____		
_____		_____			_____		_____		
_____		_____			_____		_____		
Emergency Communications									
Medical: _____			Evacuation: _____			Other: _____			
10. Prepared by		Date/Time		11. Reviewed by (PSC)		Date/Time		12. Reviewed by (OSC)	
Scott A. Hess		JAN 8 09 15:48							

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		Assignment List ICS 204-CG	
3. Branch Environmental Unit		4. Division/Group/Staging Monitoring & Sampling			
Task Force/Strike Team Air Monitoring & Sampling		Team			
5. Operational Personnel					
	Name	Affiliation	Contact # (s)		
Operations Section Chief:	Bob Summers	TVA			
Branch Director:	Jamie Dotson	TVA			
Division/Group Supervisor/STAM:	Dennis Yankee				
Task Force/Strike Team Leader:	Cassi Wylie				
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# Of Persons	Reporting Info/Notes/Remarks	
Air Monitoring & Sampling Resources	Cassi Wylie		7	On-Scene	<input type="checkbox"/>
7 - CTEH Personnel	Scott Skelton		7	On-Scene	<input type="checkbox"/>
Air Monitoring Trailer				On-Scene	<input type="checkbox"/>
4- TVA Personnel			4	On-Scene	<input type="checkbox"/>
3-EPA Personnel				Only conducting periodic checks/not on daily basis	<input type="checkbox"/>
5- Personnel (TDEC APC)			5	On site	<input type="checkbox"/>
7. Work Assignments					
Deploy mobile hand held real time air monitors Service off site air monitoring stations Service on site air monitoring stations TDEC APC: Deploy air monitors offsite Service air monitors offsite Perform QA/QC audits on air monitors offsite Maintain/repair air monitors offsite					
8. Special Instructions					
Follow site safety plan \Obtain proper permissions as required					
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)	
Scott A. Hess	Date/Time JAN 8 09 16:08		Date/Time		Date/Time

1. Incident Name					2. Operational Period (Date / Time)		Assignment List		
Fly Ash Pond Incident					From: JAN 9 09 06:00 To: JAN 23 09 06:00		ICS 204-CG		
3. Branch					4. Division/Group/Staging				
Health Department									
5. Operational Personnel		Name		Affiliation		Contact # (s)			
Operations Section Chief:		Dr. David Kirschke		Tennessee Department of Health					
Branch Director:		_____		_____		_____			
Division/Group Supervisor/STAM:		_____		_____		_____			
6. Resources Assigned					"X" indicates 204a attachment with additional instructions				
Strike Team/Task Force/Resource Identifier		Leader		Contact Info. #		# Of Persons		Reporting Info/Notes/Remarks	
5-Vehicles						5		On Site	
5-epidemiology Units						5		on Site	
								<input type="checkbox"/>	
								<input type="checkbox"/>	
								<input type="checkbox"/>	
7. Work Assignments									
Conduct interviews with affected residents.									
8. Special Instructions									
9. Communications (radio and/or phone contact numbers needed for this assignment)									
Name / Function		Radio Freq./System/Channel			Phone		Cell/Pager		
_____		_____			_____		_____		
_____		_____			_____		_____		
_____		_____			_____		_____		
Emergency Communications									
Medical: _____			Evacuation: _____			Other: _____			
10. Prepared by		Date/Time		11. Reviewed by (PSC)		Date/Time		12. Reviewed by (OSC)	
Scott Hess		JAN 8 09 00:00							

ASSIGNMENT LIST

ICS 204-CG (Rev. 10/07)

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		MEDICAL PLAN ICS 206-CG			
3. Medical Aid Stations							
Name	Location	Contact #	Paramedics On site (Y/N)				
South KIF Boat Ramp Staging Area	Boat Ramp near Kingston Discharge - Doug Frederick - SWS		NO				
Swan Pond RR Laydown Yard	Swan Pond RR Laydown Yard - Staging Area 1	(615) 680-6551					
Plant Nurse	KSF - Theresa Norwood	(865) 755-4866	NO				
Contractor Nurse/EMT	Advotech (KSF) - Fern Cruz	(865) 717-1510	YES				
4. Transportation							
Ambulance Service	Address	Contact #	Paramedics On Board (Y/N)				
Local 911	Roane County	911	YES				
UT Lifestar - Sweetwater	Helicopter Service - Call Roane County 911	911	YES				
Air Evac - Crossville	Helicopter Service - Call 1-800-247-3822 or 911	911	YES				
5. Hospitals							
Hospital Name	Address	Contact #	Travel Time (hrs)		Burn Ctr?	Heli-Pad?	
			Air	Ground			
Roane Medical Center	412 Devonia St., Harriman, TN 37748	(865) 882-4155		0.33	<input type="checkbox"/>	<input type="checkbox"/>	
Methodist Medical Center of Oak Ridge	990 Oak Ridge Tnpk, Oak Ridge, TN	(865) 835-1000			<input type="checkbox"/>	<input type="checkbox"/>	
Vanderbilt Medical Center	1611 21st Ave South, Nashville, TN 37232	(615) 322-0145			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
6. Special Medical Emergency Procedures							
7. Prepared by: (Medical Unit Leader)		Date / Time		8. Reviewed by: (Safety Officer)		Date / Time	
Roger Scheuermann		JAN 8 09 09:44					
MEDICAL PLAN				ICS 206-CG (Rev. 07/04)			

Incident Name Fly Ash Pond Incident	Document Name: ICS 208 - Site Safety Plan
Description Kingston Fossil Plant Ash Recovery Site Safety Plan	
<p>Kingston Fossil Plant Ash Recovery Site Safety Plan</p> <p>Scope</p> <p>An ash containment wall has failed at the KIF which will require extensive clean-up activities. These activities will inherently expose personnel to increased and unusual hazards. It is imperative during emergency operations to remember the fundamental steps of performing a job safely.</p> <p>Nature of Work</p> <p>The beginning stages of the clean-up efforts will involve use: "Use of trucks to transport heavy equipment "Use of heavy equipment to move debris "Use of personnel to install environmental barriers and controls "Use of security personnel to keep non-authorized personnel from entering area to include general public</p> <p>New Equipment Check-In and Staging</p> <p>All arriving equipment will be brought to gravel lot behind the ball field at the north entrance to the plant. Equipment and personnel will be checked in with Harold Catlett who will be using James Settles as the day shift foremen and Kevin Abner as the second shift foremen.</p> <p>Recovery Zone Basic Safety Requirements</p> <p>"Establish boundaries - set up a primary and secondary zones based on risk and determine who is authorized to enter those zones; keep all others out of the work area "All employees in ash recovery and dike work areas must wear a green high visibility vests when entering work areas. All others will be asked to leave the area. "Personnel accountability - Employees must sign in and out of controlled work areas upon entering/leaving the controlled zones using the log on page 4; no one should be assigned to work alone "Communication - maintain clear lines of communication with all personnel and establish a clear chain of command "General public safety - keep people out of the area</p> <p>Immediate supervisors and safety personnel will execute the following tasks prior to the beginning of any job activities:</p> <ol style="list-style-type: none"> 1.Coordinate all pre-job briefing at work zones 2.Look at area and provide recommendation to site recovery leader. 3.Review all JSA's prior to work being performed on this recovery effort. 4.Barricade areas deemed unstable. Maintain log of areas deemed unsafe. 5.Participate in site recovery meeting 6.Special needs assessment include but not limited to : "river banks "water enter "roadways collapse potential "engulfment potential "Rescue operations staged "Work with TVAP "walkways collapse potential 8. Review trenching and rescue procedure for compliance 9. Coordinate with EOC (contact FPG/RO safety manager.) <p>Safety team lead: Mike Gahagan, Team members: Chris Jeter, Mike McCombs, David Driver, Chuck Proffitt, & Rick Hubbard.</p> <p>Pre-Job Planning</p> <p>All jobs must begin with proper planning. Individuals must know and understand each job step and how to perform it safely. All personnel must be briefed on the following points prior to beginning any work:</p> <p>"What are we going to do? "What is the worst thing that can happen? "What are the critical steps? "What are the error-likely situations? - What effects will moving debris have on integrity of surrounding area "What are the hazards? "How do we control the hazards?</p> <p>Do not proceed with job activities until these aspects have been discussed and all concerns have been addressed.</p>	
Prepared by: (name) Calvin (Bud) Kline	Prepared Date / Time: DEC 29 08 10:54
Page: 1	

Incident Name Fly Ash Pond Incident	Document Name: ICS 208 - Site Safety Plan
Description Kingston Fossil Plant Ash Recovery Site Safety Plan	
<p>Unique Hazards</p> <p>Some of the unique hazards that this situation presents include:</p> <ul style="list-style-type: none"> "Stability of earth you are working on and around - engulfment "Water hazards - unknown depth of standing water "Unsure footing "Slippery work surfaces - particularly mounting and dismounting heavy equipment "Ruptured or downed utility lines to include gas, water, and power lines "Experience and training of operators and crews- lack of experience may spell disaster <p>Other Considerations</p> <p>Personnel safety during these clean-up operations is of the utmost importance. Approach all situations with a questioning attitude. Do not take unnecessary risks. Do not rush. If job conditions change, stop! Do not proceed until conditions are understood, hazards are assessed, and control measures are implemented.</p> <p>Emergency Contacts</p> <p>In the event of an incident or medical emergency, follow the notification chain below until you reach a contact to initiate emergency response:</p> <ol style="list-style-type: none"> 1. Unit 5 Operator 717-2575 (in-house dial x2575) 2. Shift Operations Supervisor 717-2119/2120 (in house dial 2119 or 2120) 3. TVA Police 632-3631 (TVA Police are not EMT's) <p>Reference Information</p> <ul style="list-style-type: none"> "Plant Nurse 717-2089 (in-house dial x2589) "Advatech Nurse/EMT 717-1510 (in house dial x1510) "Site Safety 755-4058 (Nextel 148*34*4268) "Fire/Rescue/Ambulance 911 "Kingston Fire Department 376-2936 "Rockwood 354-3121 "Harriman 882-3734 "Roane County Rescue Squad 882-0297 "Roane County Ambulance 882-0297 <p>Key Contact Numbers</p> <p>Rick Christensen, KIF Operation Manager 865-755-3397</p> <p>Mike Gahagan, TVA Safety Manager 865-755-4058</p> <p>Harold Catlett, Supervisor of Heavy Equipment Activities 865-755-9298</p>	
Prepared by: (name) Calvin (Bud) Kline	Prepared Date / Time: DEC 29 08 10:54
Page: 2	

Incident Name

Fly Ash Pond Incident

Document Name:

Wx Forecast

Description

Weather Forecast 1/8/09

NWS Morristown, TN

Point Forecast: Kingston TN [\[Similar City Names\]](#)
35.88N 84.53W (Elev. 748 ft)

Cell Phone Weather Link: www.srh.noaa.gov/wml

Last Update: 7:04 am EST Jan 8, 2009

Forecast Valid: 8am EST Jan 8, 2009-6pm EST Jan 14, 2009

Forecast at a Glance

Today	Tonight	Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday
								
50% Chance Rain Hi 43°F	Partly Cloudy Lo 28°F	Mostly Sunny Hi 52°F	50% Chance Showers Lo 40°F	50% Chance Showers Hi 52°F	20% Slight Chc Rain/Snow Lo 31°F	Mostly Sunny Hi 45°F	Partly Cloudy Lo 29°F	20% Slight Chc Showers Hi 47°F

Detailed 7-day Forecast

Hazardous weather condition(s):

Hazardous Weather Outlook
Short Term Forecast

Today: A 50 percent chance of rain before 10am. Mostly cloudy, with a high near 43. West wind between 10 and 15 mph, with gusts as high as 20 mph.

Tonight: Partly cloudy, with a low around 28. Northwest wind around 5 mph.

Friday: Mostly sunny, with a high near 52. Calm wind becoming south around 5 mph.

Friday Night: A 50 percent chance of showers after 1am. Mostly cloudy, with a low around 40. South wind between 5 and 10 mph.

Saturday: A 50 percent chance of showers. Mostly cloudy, with a high near 52. South wind 10 to 15 mph becoming west. Winds could gust as high as 25 mph.

Current Conditions

[\[Move Down\]](#)

Oak Ridge

Lat: 36.02 Lon: -84.23 Elev: 910

Last Update on Jan 8, 6:53 am EST

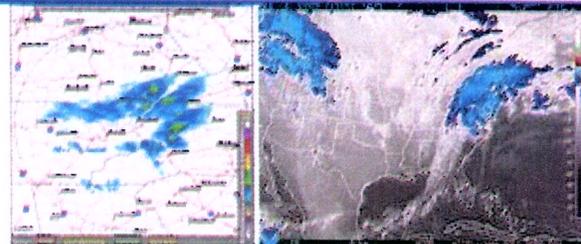
Partly Cloudy

42°F
(6°C)

Humidity:	65 %
Wind Speed:	SW 5 MPH
Barometer:	29.70" (1006.5 mb)
Dewpoint:	31°F (-1°C)
Wind Chill:	39°F (4°C)
Visibility:	10.00 mi.

More Local Wx: [3 Day History](#)

Radar and Satellite Images



Prepared by: (name)
Scott Hess

Prepared Date / Time:
JAN 8 09 07:12

Page:
1

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: JAN 9 09 06:00 To: JAN 23 09 06:00		RESOURCES AT RISK SUMMARY ICS 232-CG	
3. Environmentally-Sensitive Areas and Wildlife Issues					
Site #	Priority	Site Name and/or Physical Location	Site Issues		
1		Water Intake - City of Kingston Water Department	3.5 miles (3 miles down the Clinch River to the confluence of the Tennessee River and 1/2 mile back upstream on the Tennessee River) Eastern shore of the Tennessee River Mile 568.2 (865) 376-2323		
2		Kingston Park Recreation Area	1.5 miles Eastern Shore of the Clinch River - Mile # 1.5 (865) 376-9476		
		Water Intake - Harriman Utility Board	Est. 7 miles (est. 7 miles up the Emory River just east of Harriman, TN).		
		Water Intake - Cumberland Utility District	Est. 5 miles (est. 5 miles up the Emory River).		
		Water Intake - Watts Barr Utility District (Rockwood)	Est. 10 miles (est. 10 miles south of the facility on the Tennessee River).		
		Emory River	Osprey, E - Verified extant (viability not assessed). Mountain Honeysuckle, E - Verified extant (viability not assessed), S2, SPCO. Purple Bean, H - Historical, S1, END, LE. Large-flowered Barbara's-buttons, H - Historical, S2, END. Northern White Cedar, H - Historical, S3, SPCO. Fine-rayed Pigtoe, H - Historical, S1, END, LE Ornate Rocksnail, H - Historical, S3, TRKD. Alabama Lampmussel, H - Historical, S1, END, LE. Turgid Blossom Pearlymussel, X - Extirpated, SX, EXTI, LE. Spotfin Chub, X? - Possibly extirpated, S2, THR, LT.		
		Lower Clinch River	Osprey, E - Verified extant (viability not assessed). Blue Sucker, E - Verified extant (viability not assessed), S2, THR. Prairie Goldenrod, E - Verified extant (viability not assessed), S1S2, END. Northern Bush-honeysuckle, E - Verified extant (viability not assessed), S2, THR. Mountain Bush-honeysuckle, E - Verified extant (viability not assessed), S2, THR. Mountain Honeysuckle, E - Verified extant (viability not assessed), S2, SPCO. Fetter-bush, E - Verified extant (viability not assessed), S2, THR. Appalachian Bugbane, E - Verified extant (viability not assessed), S3, THR. Tall Larkspur, E - Verified extant (viability not assessed), S2, END. Spreading False-foxglove, E - Verified extant (viability not assessed), S3, SPCO.		
		Lower Clinch River, cont.	Canada Lily, E - Verified extant (viability not assessed), S3, THR. Mcdowell Sunflower, E - Verified extant (viability not assessed), S2, SPCO. Earleaf Foxglove, E - Verified extant (viability not assessed), S2, END. Slender Blazing-star, E - Verified extant (viability not assessed), S2, THR. Spectaclecase, H - Historical, S2S3, TRKD, C. Orange-foot Pimpleback, H - Historical, S1, END, LE. Osprey, X - Extirpated.		
		Watts Barr Lake	Osprey, E - Verified extant (viability not assessed). Spreading False-foxglove, E - Verified extant (viability not assessed), S3, SPCO. Spreading False-foxglove, H - Historical, S3, SPCO.		
Narrative					
Narrative					
For questions regarding Sensitive Areas, Archaeo-cultural and Socio-economic issues, please contact TVA Public Information at (865) 717-4006.					
5. Prepared by: (Environmental Unit Leader) MA Jarrell				Date / Time: JAN 8 09 13:42	

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: To: Time of Report 01/07/09 01/07/09 1700		OPERATIONS STATUS SUMMARY	
3. Safety Status/Personnel Casualty Summary					
	Since Last Report	Adjustments To Previous Op Period		Total Involved	
First Aid	0	2		5	
Recordable Incidents	0	0		0	
Lost/Restricted Time Incident	0	0		0	
OPERATIONS					
4. Construction/Recovery					
Location	Amount Cleaned per Period (feet)	Total Cleared (feet)	Amount Total (feet)	Total %	
Swan Pond Road (Construction Use Only) (feet)	0	3000	3000	100	
Swan Pond Circle Road (Construction Use Only)	30	405	1500	27	
Railroad (feet)	0	3000	3000	100	
		Total Built	Total to Date		
Railroad Rebuilding (Norfolk Southern)	1053	1833	3000	61	
Total Pieces of Equipment	77	Total Number of Personnel		198 (158-TVA & 40-cntr)	
		Amt. Constructed Today (ft)		Amount Total	Total %
Weir 1 Construction		Complete		650	100
Weir 2 (Under Design)					
Debris Removal - Land	ATVs			4	
	Personnel			20	
Debris Removal - Water	Barges			36	
	Cranes			0	
	Personnel			16	
Comments:					
5. Protection and Response - Cenospheres					
Containment Boom (ft)				20,500	
Total Number of Equipment	Boats		30		
	Skimmers		4		
	Vac Trucks		12		
Total Liquids Recovered to Date				1,074,000	
Cenospheres Recovered to Date				16.5 Tons	
Total Number of People				185	
6. Environmental					
	Number of Samples Today	Total # of Samples	Sample results received/verified	Notes	
Air Sampling	195*	1247*	1235*/1195*	Roving, 12-hr and 24-hr samples	
Water Sampling	11	159	94/53	surface water	
Groundwater Sampling	0	3	3/3	Well sampling	
Ash Sampling	0	48	7/7	grabs & composites on/off site	
Soil/Sediment Sampling	1	9	7/0		
Radiological Sampling	0	7	7/7		
Comments: *These numbers reflect samples taken only by TVA as of 2400hrs 01/06/09.					