

1. Incident Name

Fly Ash Pond Incident

2. Operational Period to be covered by IAP (Date / Time)

From: DEC 31 08 06:00 To: JAN 1 09 06:00

**CG IAP
COVER SHEET**

3. Approved by:

<u>ORG</u>	<u>NAME</u>
FOSC	Les Sims (EPA)
SOSC	Bob Alexander (TDEC)
IC	Bob Rehberg
Roane County	H. 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 Attachements

- ICS 207 - Incident Organizational Chart _____
- ICS 220 - Air Operations Summary _____
- ICS 232 - Resources at Risk _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Incident Picture



4. Prepared by:

Don Costanzo

Date/Time:

DEC 30 08 08:05

1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 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"> • Develop Initial Site Safety Plan(done) • Continuous air, soil, and water sampling • Update the stakeholders on a regular basis • Ensure comprehensive JIC and Command Center communications • Continue development of IMT and filling key positions. • Initiate Incident Action Plan - IAP • Activate necessary and reasonable response resources for containment and cleanup • Company personnel to develop long range remediation project plan. • Deploy collection, deflection and containment boom at designated areas on affected waterways • Conduct open water mechanical recovery, if appropriate • Develop and implement byproduct management plan • Ensure all documentation is communicated to the Documentation Leader • Maximize weir construction effort • Maximize Road and Rail Clean Up • Implement planned intake debris and temporary skimmer system • Develop Schedule Plan to complete: <ul style="list-style-type: none"> Road Clearing Railroad Clearing Weir Construction • Develop Shoreline Cleanup Assessment Teams (SCAT). • Develop plan for community debris cleanup. 		
Approved Site Safety Plan Located at:		
10. Prepared by: (Planning Section Chief) Don Costanzo		Date / Time: DEC 30 08 07:52

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Recovery & Construction		4. Division/Group/Staging Recovery & Construction		
5. Operational Personnel		Contact # (s)		
Operations Section Chief: <u>Bob Summers</u>		<u>Tennessee Valley Authority</u>		
Branch Director: <u>Brad Workman</u>		<u>Tennessee Valley Authority</u>		
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
13 Track Hoes				On Site <input type="checkbox"/>
12 D6 Dozers				On Site <input type="checkbox"/>
9 D8 Dozers				On Site <input type="checkbox"/>
2 Fuel Trucks				On Site <input type="checkbox"/>
4 Water Pump				On Site <input type="checkbox"/>
15 Light Plants				On Site <input type="checkbox"/>
2 Amphi Track Hoes				On Site <input type="checkbox"/>
7 Back Dumps				On Site <input type="checkbox"/>
5 Loaders				On Site <input type="checkbox"/>
4 ATV				On Site <input type="checkbox"/>
53 - Personnel				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.</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: <u>911</u>	Evacuation: _____	Other: _____		
10. Prepared by Josh Dubach		11. Reviewed by (PSC) _____		12. Reviewed by (OSC) _____
Date/Time DEC 30 08 13:22		Date/Time _____		Date/Time _____

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Weir Buliding Branch		4. Division/Group/Staging Weir # 1 Group		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
	Operations Section Chief: Bob Summer			
	Branch Director: Brad Workman			
	Division/Group Supervisor/STAM: Dennis Yankee			
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				On Site <input type="checkbox"/>
1 - Barges				On Site <input type="checkbox"/>
5 - Dump Trucks				On Site <input type="checkbox"/>
7. Work Assignments				
<p>Weir #1 is currently under construction.</p> <p>Weir #1's location is as marked on the attached map.</p> <p>Rock is currently being shipped in from Loudon.</p> <p>Rock for the weir is currently being brought in both by land & water.</p> <p>Operations will continue through the night.</p>				
8. Special Instructions				
<p>All personnel to follow guidelines set forth in the Site Safety Plan.</p> <p>Report all incidents and near misses to a safety representative as soon as possible.</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 Josh Dubach		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
DEC 30 08 10:16				

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: DEC 31 08 06:00 To: JAN 1 09 06:00

Assignment Picture Attachment

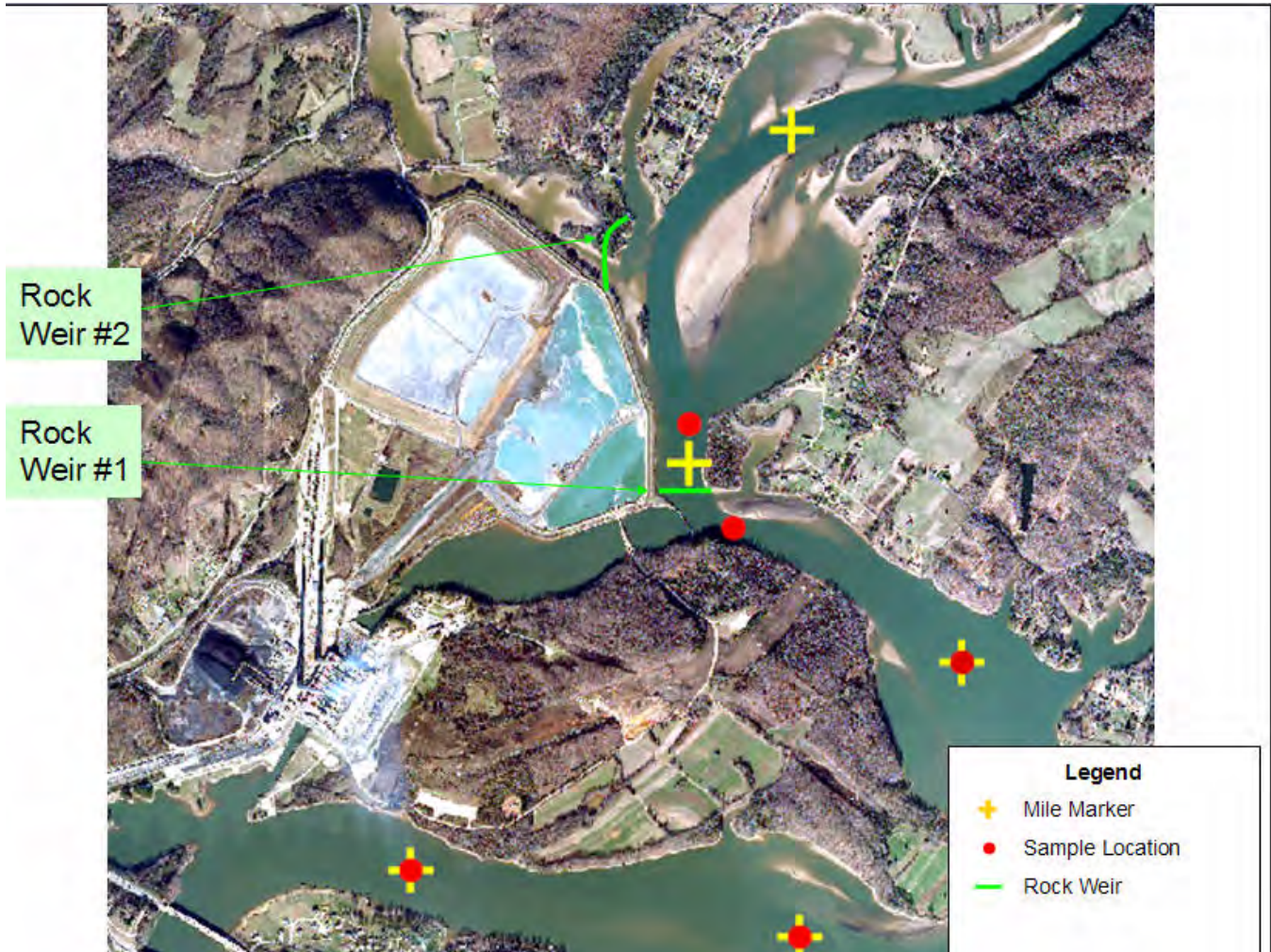
ICS 204-a2

Organization Name

Weir # 1 Group

ID#

Area Of Operation



Prepared By: (Situation Unit)

Josh Dubach

Date / Time:

DEC 30 08 11:08

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Weir Buliding Branch		4. Division/Group/Staging Weir # 2 Group		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers			
Branch Director:	Brad Workman			
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
No Resources Assigned				<input type="checkbox"/>
7. Work Assignments				
Weir #2 is currently in the engineering phase. It's location is designated on the attached map.				
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 Josh Dubach		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
DEC 30 08 11:08				

1. Incident Name					2. Operational Period (Date / Time)		Assignment List	
Fly Ash Pond Incident					From: DEC 31 08 06:00 To: JAN 1 09 06:00		ICS 204-CG	
3. Branch			4. Division/Group/Staging					
Response			Division A					
5. Operational Personnel		Name	Affiliation		Contact # (s)			
Operations Section Chief:		Bob Summers	Tennessee Valley Authority					
Branch Director:		Mark Ploen	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				
600' - 18" Boom • 600 ft	Todd Robinson			On Site <input type="checkbox"/>				
1- Boom Trailer	Todd Robinson			On Site <input type="checkbox"/>				
1 - Air Mover	Todd Robinson			On Site <input type="checkbox"/>				
5 - Hepaco Work Boats				On Site <input type="checkbox"/>				
45 - Personnel			45	On Site <input type="checkbox"/>				
1 - Foilex Skimmer	Todd Robinson			On Site <input type="checkbox"/>				
4 - Vacuum Trucks				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 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, don 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)		Date/Time
Josh Dubach		DEC 30 08 13:38						

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division B		
5. Operational Personnel	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	Tennessee Valley Authority		
Branch Director:	Mark Ploen	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
15 - Personnel			15	On Site <input type="checkbox"/>
800' - 18" Boom • 800 ft				On Site <input type="checkbox"/>
3 - Workboat				On Site <input type="checkbox"/>
1 - Barge Skimmer				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 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, don 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 Josh Dubach	Date/Time DEC 30 08 13:37	11. Reviewed by (PSC)	Date/Time	12. Reviewed by (OSC) Date/Time

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division C		
5. Operational Personnel	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	Tennessee Valley Authority		
Branch Director:	Mark Ploen	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
9 - SWS Work Boat	Todd Robinson			On Site <input type="checkbox"/>
5 - Vacuum Truck	Todd Robinson			On Site <input type="checkbox"/>
18" Boom • 2,600 ft	Todd Robinson			On Site <input type="checkbox"/>
1 40 - Personnel, 40	Todd Robinson		24	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 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, don 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 Calvin (Bud) Kline	Date/Time DEC 30 08 15:18	11. Reviewed by (PSC)	Date/Time	12. Reviewed by (OSC) Date/Time

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Response		4. Division/Group/Staging Division D		
5. Operational Personnel				
Operations Section Chief:	Name: Bob Summers	Affiliation: Tennessee Valley Authority		Contact # (s)
Branch Director:	Mark Ploen	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
1000' - 18" Boom • 200 ft				On Site <input type="checkbox"/>
4 - Workboat				On Site <input type="checkbox"/>
1- Vacuum Truck				On Site <input type="checkbox"/>
2 - Skimming Barge	Archie Cook	On Site		On Site <input type="checkbox"/>
1 - Track Hoe				On Site <input type="checkbox"/>
13 - Personnel			19	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. Kingston Water Intake has been boomed off and will be maintained.				
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 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, don 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 Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time: DEC 30 08 14:49		12. Reviewed by (OSC) Date/Time

1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: DEC 31 08 06:00 To: JAN 1 09 06:00

Assignment Picture Attachment

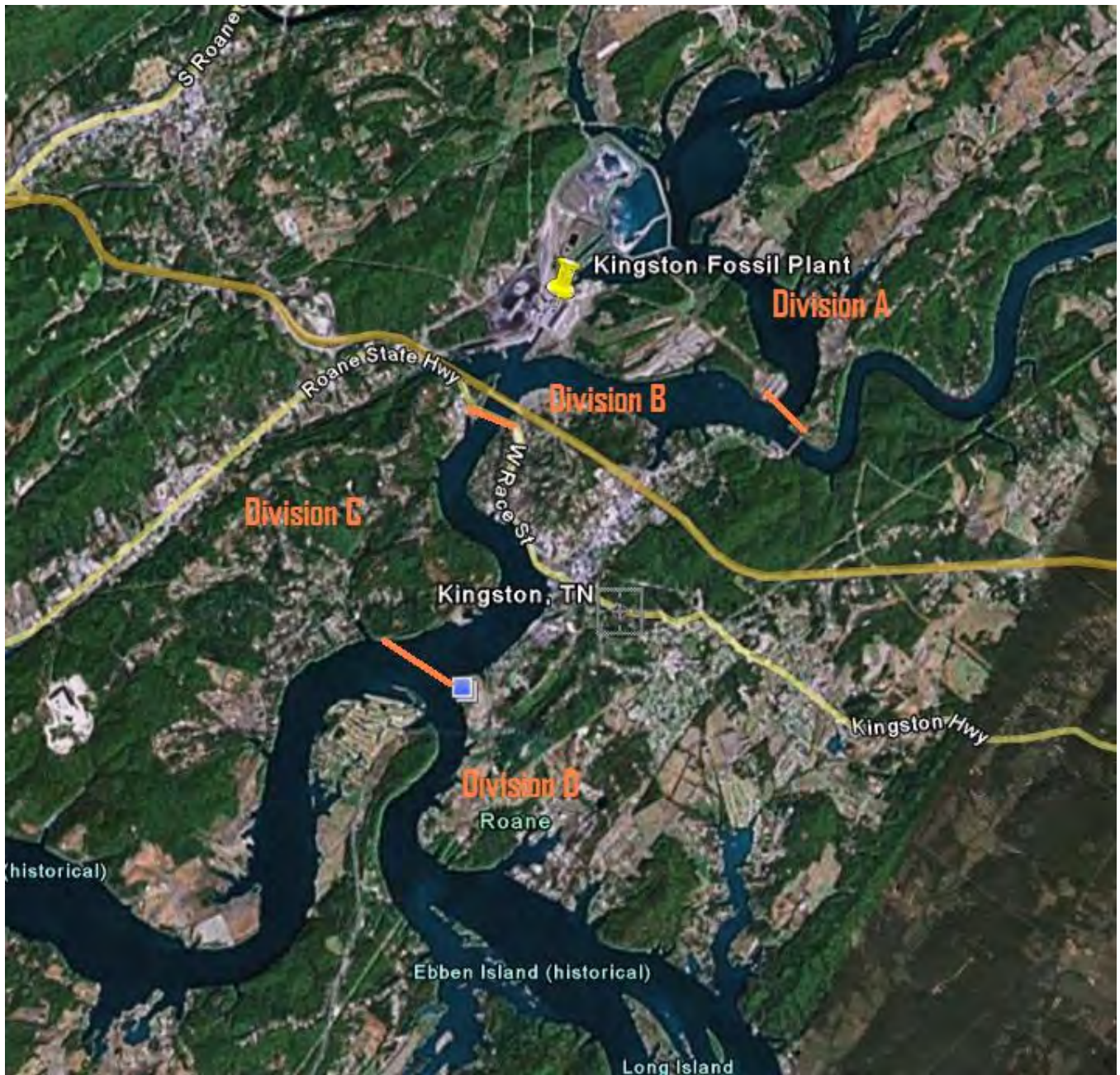
ICS 204-a2

Organization Name

Response

ID#

Area Of Operation



Prepared By: (Situation Unit)

Josh Dubach

Date / Time:

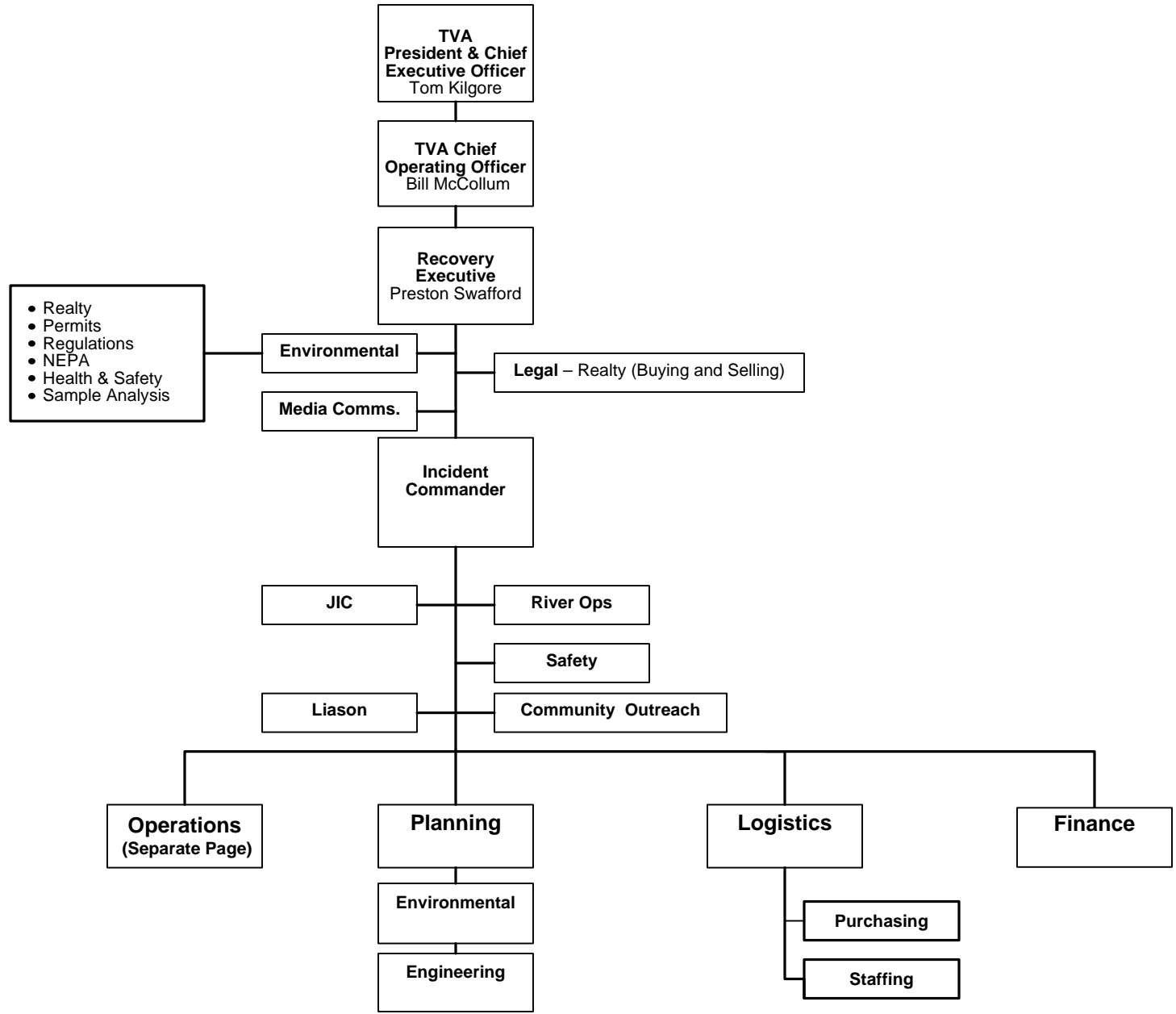
DEC 30 08 11:49

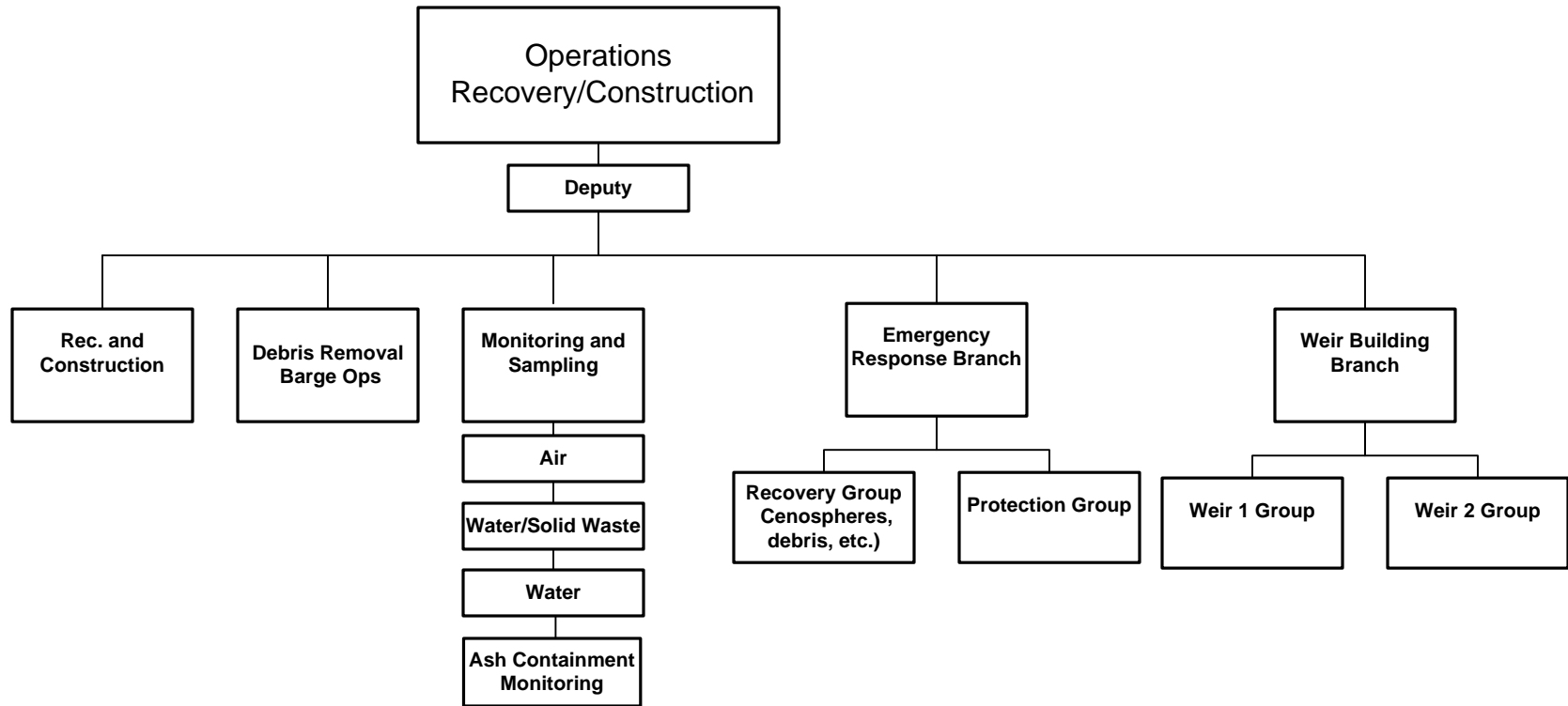
1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Debris Removal		4. Division/Group/Staging Land		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
Operations Section Chief:	Bob Summers	TVA		
Branch Director:	Mark Ploen	O'Briens Response Management		
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
ATV				On Site <input type="checkbox"/>
Hepaco Personnnel				On Site <input type="checkbox"/>
Roll Off Boxes				On Site <input type="checkbox"/>
7. Work Assignments				
Remove debris from shoreline. Debris will be stored in roll off boxes for disposal.				
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.				
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 Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
DEC 30 08 11:10				

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: _____ To: _____		Assignment List ICS 204-CG
3. Branch Debris Removal		4. Division/Group/Staging On Water		
5. Operational Personnel		Name		Affiliation
Operations Section Chief:		Bob Summers		TVA
Branch Director:		Tony Knight		TVA
Division/Group Supervisor/STAM:		Tony Knight		TVA
				Contact # (s)
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				On Site <input type="checkbox"/>
1 - Barges				On Site <input type="checkbox"/>
3 - Personnel				On Site <input type="checkbox"/>
7. Work Assignments				
Remove all floating and visible submerged debris from waterway. Disposal will be determined at a later date.				
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.				
9. Communications (radio and/or phone contact numbers needed for this assignment)				
Name / Function	Radio Freq./System/Channel	Phone	Cell/Pager	
Hailing Frequency				
Emergency Communications				
Medical: 911	Evacuation: _____	Other: _____		
10. Prepared by Calvin (Bud) Kline	Date/Time DEC 30 08 14:24	11. Reviewed by (PSC)	Date/Time	12. Reviewed by (OSC) Date/Time

1. Incident Name Fly Ash Pond Incident		2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00		Assignment List ICS 204-CG
3. Branch Environmental Unit		4. Division/Group/Staging Sludge/Ash Sample Collection		
5. Operational Personnel				
	Name	Affiliation	Contact # (s)	
	Operations Section Chief: Bob Summers			
	Branch Director: N. Carriker			
	Division/Group Supervisor/STAM: J. Burke			
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
Sampling Personnel	J. Walker		11	On Site <input type="checkbox"/>
Vehicles				On Site <input type="checkbox"/>
Response Trailer				On Site <input type="checkbox"/>
Response Boats				On Site <input type="checkbox"/>
7. Work Assignments				
Seeking access agreements from local home owners or land owners				
Once permission is received collect sludge and ash samples				
8. Special Instructions				
Ensure permission for access is obtained prior to collecting samples				
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 Calvin (Bud) Kline		11. Reviewed by (PSC) Date/Time		12. Reviewed by (OSC) Date/Time
DEC 30 08 13:39				

1. Incident Name		2. Operational Period (Date / Time)		MEDICAL PLAN			
Fly Ash Pond Incident		From: DEC 31 08 06:00 To: JAN 1 09 06:00		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		DEC 30 08 08:03					
MEDICAL PLAN		December 30, 2008 08:04		ICS 206-CG (Rev. 07/04)			





**Planning Section
Environmental Unit**

**Permits/
Compliance**

Coordinate with
Corporate & Agencies

**Sampling/
Monitoring/Debris
Removal**

Surface Water

Air

Solid Waste

Ground Water and
Wells

Utility Districts and
Municipal Water Plants

Contractors

Coordinate other
agency sampling

Analysis/Results

Managing Analytical
Data and Lab Results

Process
Documentation

**Env. Project
Management**

Project Manager
Debris Mgmt

Project Manager
Env. JIC Support

Project Manager
Liaison to Agencies

**Property Issues
(Non-“Outreach”)**

**On-Site
Technical
Communications**

Corporate Environmental

NEPA

Cultural
Heritage
Biological

Permits

- TDEC Solid waste permit modification
- Future impact of incident (EPA/TDEC)
- Air – Fugitive emission final disposition
- ARAP Permits
- USACE

**Sampling/Monitoring/
Debris Removal**

- Future sampling requirements/needs (soil, surface water, air, solid water and debris, ground water and wells, utilities water districts and municipal water plant)

Analysis/Results

- Future impact of analysis and results
- Develop communications based on results

Agency Contact

- Long Term impacts (EPA/TDEC)

Resource Management

- Long term needs to satisfy environmental issues

Communications

- Review of all internal and external news releases

Property Issues

- Final disposition
- Long term site plans (Property Acquisition)
- Property Management (ball park, etc)

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
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Incident Name

Fly Ash Pond Incident

Document Name:

ICS 208 - Site Safety Plan

Description

Kingston Fossil Plant Ash Recovery Site Safety Plan

Unique Hazards

Some of the unique hazards that this situation presents include:

- "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

Other Considerations

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.

Emergency Contacts

In the event of an incident or medical emergency, follow the notification chain below until you reach a contact to initiate emergency response:

1. Unit 5 Operator
2. Shift Operations Supervisor
3. TVA Police (Police are not EMT's)

Reference Information**Key Contact Numbers**

Rick Christensen, KIF Operation Manager

Mike Gahagan, TVA Safety Manager

Harold Catlett, Supervisor of Heavy Equipment Activities

Prepared by: (name)

Calvin (Bud) Kline

Prepared Date / Time:

DEC 29 08 10:54

Page:

2

Incident Name

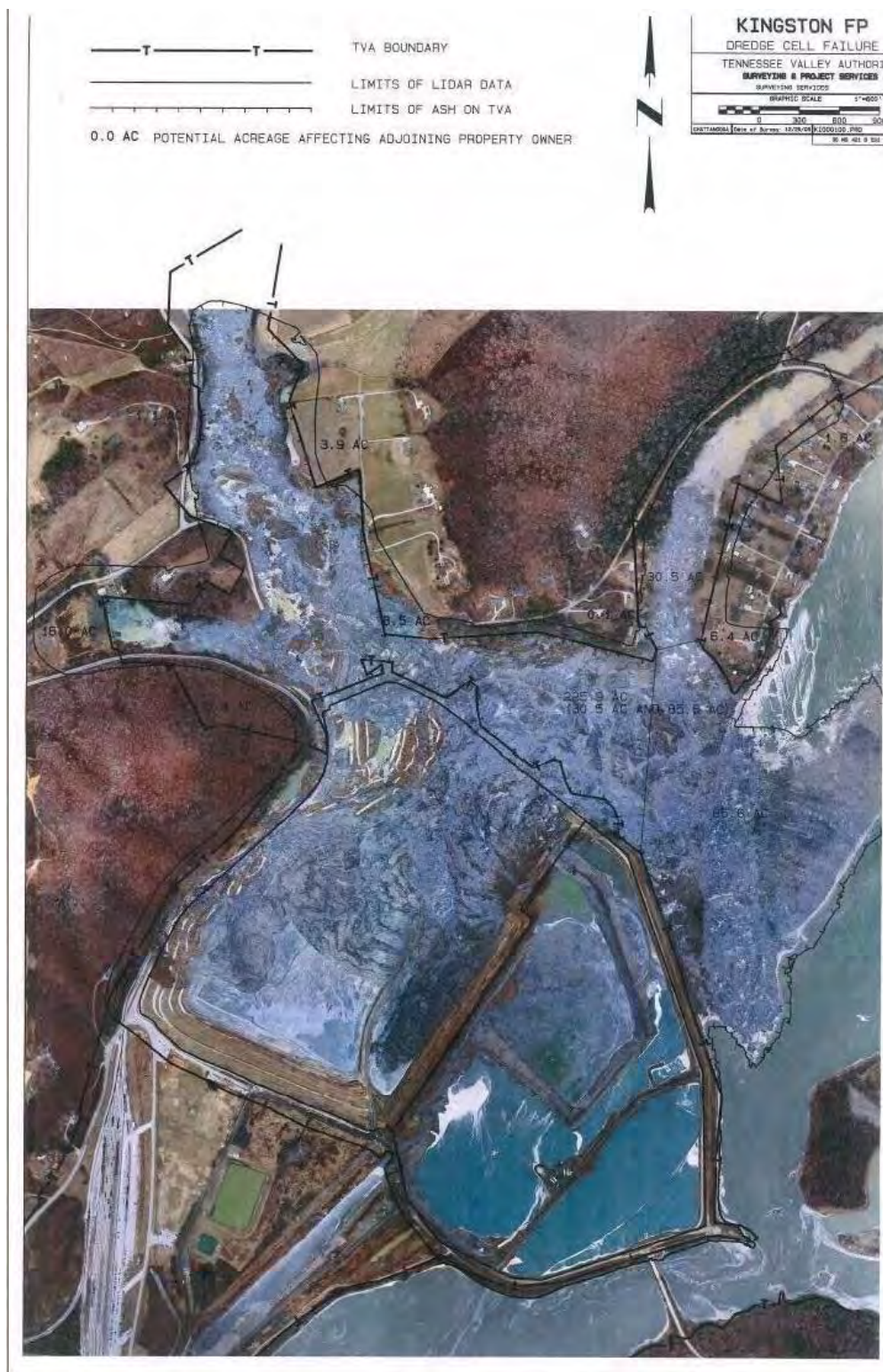
Fly Ash Pond Incident

Document Name:

TVA Map A

Description

TVA Map



Incident Name

Fly Ash Pond Incident

Document Name:

Weather Forecast

Description



Your National Weather Service forecast

Harriman TN

Enter Your "City, ST" or zip code



NWS Morristown, TN

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

Point Forecast: Harriman TN
35.93N 84.58W (Elev. 1499 ft)

Last Update: 12:04 pm EST Dec 30, 2008

Forecast Valid: 2pm EST Dec 30, 2008-6pm EST Jan 5, 2009

Forecast at a Glance

This Afternoon	Tonight	Wednesday	Wednesday Night	New Year's Day	Thursday Night	Friday	Friday Night	Saturday
								
Sunny	Mostly Clear	Mostly Sunny	Partly Cloudy	Mostly Sunny	Chance Snow	Rain/Snow Likely	Mostly Clear	Mostly Sunny
Hi 58°F	Lo 30°F	Hi 43°F	Lo 20°F	Hi 47°F	Lo 29°F	Hi 43°F	Lo 28°F	Hi 49°F

Detailed 7-day Forecast

This Afternoon: Sunny, with a high near 58. South wind around 10 mph.

Tonight: Mostly clear, with a low around 30. South wind around 15 mph becoming west. Winds could gust as high as 25 mph.

Wednesday: Mostly sunny, with a high near 43. North wind around 15 mph, with gusts as high as 25 mph.

Wednesday Night: Partly cloudy, with a low around 20. Northeast wind between 5 and 10 mph.

New Year's Day: Mostly sunny, with a high near 47. East wind 5 to 15 mph becoming south. Winds could gust as high as 20 mph.

Thursday Night: A 40 percent chance of snow after 1 am. Mostly cloudy, with a low around 29.

Friday: Snow likely before 11 am, then rain likely. Mostly cloudy, with a high near 43. Chance of precipitation is 60%.

Friday Night: Mostly clear, with a low around 28.

Current Conditions

[Move Down]

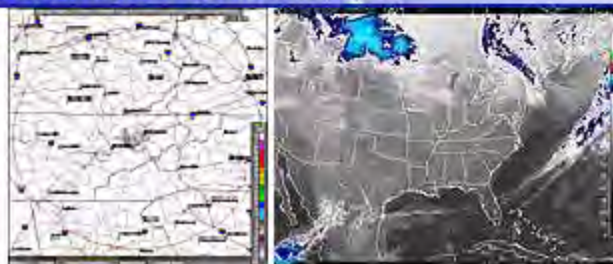
Oak Ridge

Lat: 36.02 Lon: -84.23 Elev: 910
Last Update on Dec 30, 11:53 am EST

Humidity:	39 %
Wind Speed:	W 7 MPH
Barometer:	30.14" (1021.2 mb)
Dewpoint:	27°F (-3°C)
Wind Chill:	48°F (9°C)
Visibility:	10.00 mi.
More Local Wx:	3 Day History

Fair
51°F
(11°C)

Radar and Satellite Images



1. Incident Name Fly Ash Pond Incident	2. Operational Period (Date / Time) From: DEC 31 08 06:00 To: JAN 1 09 06:00	AIR OPERATIONS SUMMARY ICS 220-CG
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3. Distribution Fixed-Wing Bases _____ Helibases Next to Admin. Building _____

4. Personnel and Communications	5. Remarks (Special Instructions, Safety Notes, Hazards, Priorities) Observe helicopter safety procedures and follow all directions from the pilot.																												
<table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;"></th> <th style="width:30%;">Name</th> <th style="width:20%;">Air / Air Frequency</th> <th style="width:30%;">Air / Ground Frequency</th> </tr> <tr> <td>Air Operations Director</td> <td>Brian Carrico</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Air Tactical Supervisor</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Air Support Supervisor</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Helicopter Coordinator</td> <td>Yvonne King</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Fixed-Wing Coordinator</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>		Name	Air / Air Frequency	Air / Ground Frequency	Air Operations Director	Brian Carrico	_____	_____	Air Tactical Supervisor	_____	_____	_____	Air Support Supervisor	_____	_____	_____	Helicopter Coordinator	Yvonne King	_____	_____	Fixed-Wing Coordinator	_____	_____	_____	_____	_____	_____	_____	
	Name	Air / Air Frequency	Air / Ground Frequency																										
Air Operations Director	Brian Carrico	_____	_____																										
Air Tactical Supervisor	_____	_____	_____																										
Air Support Supervisor	_____	_____	_____																										
Helicopter Coordinator	Yvonne King	_____	_____																										
Fixed-Wing Coordinator	_____	_____	_____																										
_____	_____	_____	_____																										

6. Location / Function	7. Assignment	8. Fixed-Wing		9. Helicopter		10. Time		11. Aircraft Assigned	12. Operating Base
		NO.	Type	NO.	Type	Available	Commence		
KIF Fossil Plant	Response			2				N24TV	Chattanooga (subject to change)
13. Totals				2					

14. Air Operations Support Equipment	15. Prepared by: Joan Garcia	Date / Time DEC 30 08 14:00
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1. Incident Name

Fly Ash Pond Incident

2. Operational Period (Date / Time)

From: DEC 31 08 06:00 To: JAN 1 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
	2	Kingston Park Recreation Area	1.5 miles Eastern Shore of the Clinch River - Mile # 1.5 (865) 376-9476
	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) Easter shore of the Tennessee River Mile 568.2 (865) 376-2323
	1	Water Intake - Harriman Utility Board	

Narrative**Narrative****5. Prepared by: (Environmental Unit Leader)**

KC Leidolph

Date / Time:

DEC 30 08 11:57