

US EPA ARCHIVE DOCUMENT

SITE: TVA Kingston Fossil
BREAK: 2.17
OTHER: _____

NATIONAL RESPONSE CENTER 1-800-424-8802

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Incident Report # 893172

INCIDENT DESCRIPTION

*Report taken at 14:19 on 22-DEC-08
Incident Type: FIXED
Incident Cause: FLOOD
Affected Area: EMORY RIVER
The incident occurred on 22-DEC-08 at 03:34 local time.
Affected Medium: WATER /EMORY RIVER

SUSPECTED RESPONSIBLE PARTY

Organization: KINGSTON FOSSIL PLANT
HARRIMAN, TN

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

714 SWAN POND RD. County: ROANE
City: HARRIMAN State: TN

RELEASED MATERIAL(S)

CHRIS Code: ARX Official Material Name: ARSENIC
Also Known As:
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: BEM Official Material Name: BERYLLIUM
Also Known As:
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: MCR Official Material Name: MERCURY
Also Known As:
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: BOILER ASH
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: CHROMIUM
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: COPPER
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: LEAD
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
CHRIS Code: NCC Official Material Name: NO CHRIS CODE
Also Known As: NICKEL
Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT

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CHRIS Code: NCC Official Material Name: NO CHRIS CODE
 Also Known As: ZINC
 Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT
 CHRIS Code: OUN Official Material Name: UNKNOWN OIL
 Also Known As:
 Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

*** THIS IS AN UPDATED REPORT*** REFER TO REPORT #893129: THIS REPORT HAS BEEN UPDATED WITH CONSTITUENTS THAT ARE CONTAINED IN THE ASH AND HAS POSSIBLY EXCEEDED THE REPORTABLE QUANTITY TO THE ATMOSPHERE AND WATER. THE GUESSTIMATE AMOUNT RELEASED IS 2.6 MILLION CUBIC YARDS AT THIS TIME. CALLER STATED THAT IT IS UNKNOWN IF THERE ARE ANY NEAR BY EVACUATIONS AND THE EXTENT OF THE ENVIRONMENTAL IMPACT. ORIGINAL REPORT: CALLER IS REPORTING A RELEASE OF ASH (FROM A BOILER) AND POSSIBLY SOME OIL FROM A SLUICE POND INTO A CLINCH RIVER DUE TO THE POND DIKE FAILING WHICH WAS CAUSED BY HEAVY RAIN.

INCIDENT DETAILS

Package: N/A
 Building ID:
 Type of Fixed Object: POWER PLANT
 Power Generating Facility: UNKNOWN
 Generating Capacity:
 Type of Fuel:
 NPDES:
 NPDES Compliance: UNKNOWN
 ---SHEEN INFORMATION---
 Sheen Color: UNKNOWN
 Sheen Odor Description:
 Sheen Travel Direction:
 Sheen Size Length:
 Sheen Size Width:
 ---WATER INFORMATION---
 Body of Water: EMORY RIVER
 Tributary of: CLINCH RIVER
 Nearest River Mile Marker:
 Water Supply Contaminated: UNKNOWN

DAMAGES

Fire Involved: NO Fire Extinguished: UNKNOWN
 INJURIES: NO Hospitalized: Empl/Crew: Passenger:
 FATALITIES: NO Empl/Crew: Passenger: Occupant:
 EVACUATIONS: UNKN Who Evacuated: Radius/Area:
 Damages: NO

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Length of Closure</u>	<u>Direction of Closure</u>	
Air:	N			
Road:	N			Major Artery:

Waterway: N

Track: N

Passengers Transferred: NO

Environmental Impact: UNKNOWN

Media Interest: NONE Community Impact due to Material:

REMEDIAL ACTIONS

ROANE COUNTY EMERGENCY IS ON-SCENE, TVA IS BRINGING HEAVY EQUIPMENT TO REMEDIATE THE BREAK IN THE DIKE. NO SHEEN IS VISIBLE ON THE RIVER AT THIS TIME.

Release Secured: UNKNOWN

Release Rate:

Estimated Release Duration:

WEATHER

Weather: CLEAR, 20°F

ADDITIONAL AGENCIES NOTIFIED

Federal: EPAIV

State/Local: SERC, LEPC

State/Local On Scene: COUNTY EMERGENCY AGENCY

State Agency Number: NO REPORT #

NOTIFICATIONS BY NRC

USCG HSOC AT DHS (USCG HSOC DESK)

22-DEC-08 14:45

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

22-DEC-08 14:45

U.S. EPA IV (MAIN OFFICE)

22-DEC-08 14:46

FEDERAL EMERGENCY MANAGEMENT AGENCY (MAIN OFFICE)

22-DEC-08 14:45

USCG COMMAND CENTER (MAIN OFFICE)

22-DEC-08 14:46

INFO ANALYSIS & INFRA PROTECTION (MAIN OFFICE)

22-DEC-08 14:45

MEMPHIS POLICE DEPT (COMMAND CENTER)

22-DEC-08 14:45

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

22-DEC-08 14:45

NATIONAL INFRASTRUCTURE COORD CTR (INFRASTRUCTURE PROTECTION)

22-DEC-08 14:45

NOAA RPTS FOR TN (MAIN OFFICE)

22-DEC-08 14:45

SECTOR OHIO VALLEY (COMMAND CENTER)

22-DEC-08 14:45

SECTOR OHIO VALLEY (MSU PADUCAH)

22-DEC-08 14:50

SECTOR OHIO VALLEY (MSD NASHVILLE)

22-DEC-08 14:45

TN EMERGENCY RESPONSE (MAIN OFFICE)

22-DEC-08 14:45

STEVE SPURLIN EPAIV (STEVE SPURLIN EPAIV)

22-DEC-08 14:45

ADDITIONAL INFORMATION

THIS IS AN UPDATED REPORT PLEASE NOTE THAT CONSTITUENTS HAS BEEN ADDED TO THIS REPORTED THAT COULD HAVE EXCEEDED THE RQ TO ATMOSPHERE AND WATER.

*** END INCIDENT REPORT # 893172 ***