



ARKANSAS POWER & LIGHT COMPANY

Arkansas Nuclear One

TITLE: RECORD OF CHANGES AND REVISIONS

FORM NO. 1000.06A

EMERGENCY PLAN PROCEDURE

REV. #12 PC #

Safety Related YES ☒ NO ☐

OIL SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

1903.24 REV. 3

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APPROVED BY:

James M. Lewis
(General Manager)

APPROVAL DATE

3/31/83

REQUIRED EFFECTIVE DATE:



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ARKANSAS POWER & LIGHT COMPANY SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

ARKANSAS NUCLEAR ONE

NUCLEAR GENERATING PLANT

POPE COUNTY, ARKANSAS (Approximately 6 miles west northwest of
Russellville, Arkansas)

OWNER: ARKANSAS POWER AND LIGHT COMPANY
P. O. Box 551
Little Rock, Arkansas 72203

ATTENTION: Mr. James Levine, Plant Manager

PLANT ADDRESS: P. O. Box 608
Russellville, Arkansas 72801

This plan will be implemented as herein described.

Signature William Cavanaugh

Name William Cavanaugh

Title Sr. Vice President, Energy Supply

Revised - December 1982



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CERTIFICATION

I hereby certify that I have examined the facility and being familiar with the provisions of 40CFR, Part 112, attest that this SPCC Plan has been prepared in accordance with good engineering practices.

DONALD A. RIETTER
Printed Name of Registered
Professional Engineer

Donald A. Rietter
Signature of Registered
Professional Engineer

Date: 3/15/83 Registration No.: 4461 State: ARK



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1.0 PURPOSE

This plan exists to fulfill the requirement of 40CFR112.3 (a) that "Owners or operators of...facilities...that...could reasonably be expected to discharge oil in harmful quantities...into or upon the navigable waters of the United States or adjoining shorelines, shall prepare a Spill Prevention Control and Countermeasure Plan (hereinafter "SPCC Plan"), in writing and in accordance with 40CFR110.3 as "discharges...which (a) violate applicable water quality standards, or (b) cause a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or cause damage or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines."

2.0 SCOPE

This SPCC Plan delineates potential sources of oil spills and establishes procedures for limiting consequences of an oil spill to the environment. Criteria for notifying company officials and/or federal and state agencies of an oil spill is also described.

Attachment 2 "Oil Spill Response Team Organization and Responsibilities" may be revised without the update of the certification pages 1 and 2 of this procedure. This will allow updating the Oil Spill Team Members without altering the plan.

3.0 REFERENCES

3.1 References Used in Procedure Preparation

3.1.1 CFR, Title 40, Part 110-Discharge of Oil

3.1.2 CFR, Title 40, Part 112 - Oil Pollution Prevention

3.2 References Used in Conjunction With This Procedure

None

3.3 Related ANO References

None

4.0 OIL SPILL ACTION

4.1 In the event of an oil spill, available resources shall be used to prevent any oil from entering Lake Dardanelle. Ditches and/or dikes shall be formed, as necessary, with available machinery to contain oil in the area where the spill occurred.



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4.2 If oil reaches the lake, equipment on the oil spill trailer should be used expeditiously to minimize the consequences. The oil spill trailer is equipped with an oil containment boom and is located near the ANO discharge for quick access. Refer to Attachment 1 for instructions in the use of the oil spill trailer equipment and oil sorbent. Keys to the trailer compartments, boat house and both boats are located in the guardhouse on a common key ring labeled "Oil Spill". See Attachment 2 for Oil Spill Response Team organization and call list.

4.3 Initial Notification

4.3.1 The Duty Emergency Coordinator shall be notified of any oil spill that has the potential of reaching Lake Dardanelle.

4.3.2 If oil in any quantity reaches the lake, the Duty Emergency Coordinator shall be notified as soon as possible. The Duty Emergency Coordinator shall then notify the General Manager, the Technical Analysis Superintendent and the Chemistry/Environmental Supervisor.

4.4 Subsequent Notification

4.4.1 The General Manager or his designee (listed in Paragraph 4.3.2) shall determine if and when additional notification shall be made.

4.4.2 Criteria for notification and providing written reports to company officials and other authorities is given in Attachment 3.

4.4.3 When it has been determined that an oil spill has occurred, the Duty Emergency Coordinator shall activate the Oil Spill Response Team by calling the Oil Spill Response Team Leader or one of his alternates. See Attachment 2 for Oil Spill Response Team call list.

5.0 RESPONSIBILITIES

5.1 It shall be the responsibility of the Duty Emergency Coordinator to activate the Oil Spill Response Team as stated in Section 4.4.3.

5.2 It shall be the responsibility of the Oil Spill Team Leader to coordinate oil containment and clean up as pointed out in Attachment 2 of this procedure.

5.3 It shall be the responsibility of the General Manager or his designee to make all notifications and written reports necessary see Attachment 3.



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6.0 GENERAL DESCRIPTION OF PLANT

- 6.1 Arkansas Nuclear One is a two-unit nuclear generating station operating on a 1,100 acre site. The plant site is located approximately two miles southeast of London, Arkansas on a peninsula formed by the Dardanelle Reservoir.
- 6.2 Bulk supplies of fuel oil or lube oil are stored in tanks constructed of material compatible to the ambient and oil temperatures encountered. Storage tanks are inspected periodically for signs of deterioration, etc., per OP 1305.08, "Fuel Oil, Lube Oil Tank Integrity Check". Deficiencies noted are corrected as soon as practical.
- 6.3 The plant perimeter is enclosed by an eight foot chain link fence topped with three strands of barbed wire.

7.0 POTENTIAL SOURCES OF OIL SPILLS

7.1 Fuel Oil Storage Tank, T-25

- 7.1.1 The Fuel Oil Storage Tank is of welded steel construction, located on a solid foundation and has a capacity of 185,000 U.S. gallons. The tank has been painted to resist exterior corrosion. Cathodic protection is used as required. The tank is inspected periodically per OP 1304.71, "Fuel Oil, Lube Oil Tank Integrity Test". It is enclosed by an earth fill containment dike which has the capacity of containing the entire tank volume plus approximately 10% rainwater. A gate valve, which is normally closed, is installed at the lowest elevation to allow water drainage. The tank overflows to a sump which has a connection for a portable pump. In the event of an overflow the contents of the sump are transferred to 55 gallon drums for disposal as required. T-25 is within the Plant Security System (fence and TV surveillance). The tank is visually inspected once per shift by Operations and may be kept under continuous surveillance via the plant TV system.
- 7.1.2 The Fuel Oil Storage Tank feeds the emergency diesel storage tanks and the startup boiler day tank by gravity or pump and the diesel fire pump day tank by pump. The Unit 2 plant heating boiler day tank is normally filled by pump. All piping is underground and cathodic protection is supplied as required.
- 7.1.3 Major oil spills shall be disposed of using applicable methods.



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7.2 Fuel Oil Truck Unloading Station

7.2.1 The truck unloading station normally handles one truck at a time. Each truck has a capacity of approximately 7250 gallons of diesel fuel oil. It is the responsibility of the truck driver to make all connections required to transfer the fuel oil from the truck into the fuel oil storage tank. The drivers have been trained to check all valves and fittings before and after the truck unloading. An ANO operator is present during all fuel oil transfer operations.

7.2.3 In the event of a major leak, fuel unloading will be stopped immediately and applicable valves will be closed. If the leak cannot be stopped immediately, ditches or dikes will be formed out of dirt or gravel to direct the oil drainage away from ditches or drains which empty into the lake and contain the spill in the smallest area possible.

7.3 Emergency Diesel Fuel Tanks, T-57 A & B and 2T57 A & B

7.3.1 The Emergency Diesel Fuel storage tanks have a capacity of 22,500 gallons each and are located in separate underground vaults. These tanks maintain 100% volume at all times and are gravity fed from T-25. The tanks are equipped with vent piping. The volume of the below door elevation is sufficient to contain the oil in the event of a ruptured fuel tank.

7.3.2 Tanks T-57 A & B, feed the Unit 1 emergency diesel generator day tanks exclusively through a combination of pumps P16 A & B. Valves for Unit 1 are lined up per OP 1104.36. Tanks 2T-57 A & B, feed the Unit 2 emergency diesel generator day tanks exclusively through a combination of pumps 2P16 A & B. Valves for Unit 2 are lined up per OP 2104.36.

7.3.3 Each emergency tank vault has a sump which is connected to a main sump equipped with a manually operated sump pump. In the event of a main sump overflow, the oil will be contained in the vault building basement area. Excess oil accumulation is alarmed by annunciators in the respective control room.

7.3.4 In the unlikely event of a tank rupture, a fuel tank alarm will sound from the vault. Operations shall immediately close valve FO-4. This action will stop the gravity feed from the Fuel Oil Storage Tank, T-25.



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7.4 Diesel Generator Day Tanks, T-30 A & B and 2T30 A & B

7.4.1 The Diesel Generator Day Tanks are located in the diesel generator rooms. Each diesel generator room is equipped with metal containment dikes at the doors and is connected to the oil water drain system (OWS). Unit 1 diesel generator day tanks are mounted on the D.G. frame and have a capacity of approximately 375 gallons. Unit 2 diesel generator day tanks are located behind a retaining wall inside the D.G. rooms and have a capacity of approximately 550 gallons and are not on the frame.

7.4.2 For Unit 1, transfer pumps P-16 A & B in the underground Storage Tank Vault connect T-57 A & B to the Diesel Generator Day Tanks through buried piping. For Unit 2, transfer pumps 2P-16 A & B in the underground Storage Tank Vault connect 2T-57 A & B to the Diesel Generator Day Tanks through buried piping. This piping was designed to ANSI B31.10 and ANO QA program requirements. Valve line up for all Diesel Generator Day Tank fills are performed per OP 1104.23.

7.4.3 In the event of a day tank rupture or fuel line break, the fuel oil will drain to the turbine building sump. A tank rupture may cause P16 to begin pumping, resulting in more fuel spillage than the quantity contained in the Diesel Generator Day Tanks. In this case a turbine building oil sump high level alarm will signify fuel problems in its respective control room.

7.5 Diesel Fire Pump Fuel Oil Day Tank, T-29

7.5.1 The fire pump day tank is located in the upper level of the intake structure and is protected by a concrete containment dike which is capable of holding the day tanks full capacity of 280 gallons.

7.5.2 T-29 is filled directly from the Fuel Oil Storage Tank per OP 1104.23 by pumps P-74 A & B.

7.5.3 A tank rupture would be signified by annunciation K12, D-6, "Diesel Tank T-29 Level Low".

7.6 Startup Boiler Fuel Oil Day Tank, T-28

7.6.1 The Startup Boiler Day Tank has a capacity of 19,000 gallons and is located in the northwestern section of the turbine auxiliary building. The fuel oil tank feeds the startup boiler nozzle by fuel oil service pumps P-13 A & B.



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7.6.2 T-28 is filled directly from the Fuel Oil Storage Tank per OP 1104.23 by gravity or pump.

7.6.3 Overflows or tank leaks are contained in the sump and pumped by P-93 to the Unit 1 turbine building sump.

7.7 Turbine Generator Lube Oil Reservoirs

7.7.1 Unit 1 Lube Oil Reservoir T-27

- A. The Turbine Generator Lube Oil Reservoir has a capacity of 14,000 gallons and is located in a containment room on the ground floor in the southern section of the turbine building. Lube oil transfer is handled per OP 1106.01, "Turbine Lube Oil Transfer".
- B. Any Oil Spillage would be accumulated by OWS drains and piped to the turbine building sump. The drain piping is equipped with a stop valve, which is located in the turbine building basement on the south wall outside T-26 tank room. This valve may be closed if it becomes necessary to contain the lube oil in the containment room. The drain valve is normally open in order to prevent accumulation due to normal leakage (considered as a fire hazard).
- C. If there is a major oil leak or tank rupture, the oil flow to the turbine building may be stopped by using the drain valve.

7.7.2 Unit 2 Lube Oil Reservoir 2T-27

- A. The Unit 2 Turbine Lube Oil Reservoir has a capacity of 6400 gallons and is located in a containment room below ground level in the north end of the Unit 2 turbine building. Lube oil transfer for Unit 2 is handled per OP 2106.01.
- B. Any oil spillage would be accumulated by (OWS) drains and piped to the turbine building sump.



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7.8 Clean and Dirty Lube Oil Storage Tanks

7.8.1 Unit 1 Clean and Dirty Lube Oil Storage Tank T-26

- A. The Clean and Dirty Lube Oil Tanks are located side by side with the clean tank overflowing into the dirty lube oil tank. T-26 is located in the southeast corner of the turbine building basement and has a total capacity of 31,218 gallons. The tank is contained in a room equipped with a fireproof, watertight door and an OWS drain with a stop valve just downstream of the drain (located on the floor outside the containment room). This valve is normally open to prevent any accumulation of any tank leakage.
- B. The T-26 drain is connected to the turbine building sump. As with the T-27 drain valve, this stop valve may be closed if required.

7.8.2 Unit 2 Clean and Dirty Lube Oil Storage Tank 2T-26

- A. The Unit 2 Clean and Dirty Lube Oil Tanks are located side by side with the clean tank overflowing into the dirty lube oil tank. 2T-26 is located in the northwest corner of the Unit 2 turbine building basement and has a total capacity of 32,000 gallons.
- B. Tank 2T-26 is contained in a room equipped with a fireproof watertight door and an OWS drain that connects to the Unit 2 turbine building sump.

7.9 Turbine Generator Lube Oil System Unit 1 and Unit 2

- 7.9.1 If any leaks or ruptures in the turbine generator lube oil systems occur, it will be contained in one side of the Unit 1 or Unit 2 turbine building basement by a containment wall which runs the full length of each basement. The oil shall then be disposed of using applicable means.



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7.10 Transformer Oil

- 7.10.1 The ANO Unit 1 transformer yard has four main transformers with a capacity of 8490 gallons each, two startup transformers with a capacity of 7994 gallons each, and an auxiliary transformer holding 7994 gallons. The accumulative capacity for Unit 1 is 57942 gallons of transformer oil. The ANO Unit 2 transformer yard has three main transformers with a capacity of 14000 gallons each, one startup transformer with a capacity of 5600 gallons and an auxiliary transformer with a capacity of 5600 gallons of transformer oil. The accumulative capacity of transformer oil for Unit 2 is 53,500 gallons. Both Transformer yards are unattended but are within the plant security system (fence and TV surveillance).
- 7.10.2 Any major loss of insulating oil in the equipment would cause a transformer failure. A failure will immediately cause an alarm in its respective control room. Each transformer is surrounded by a concrete containment which has the capability of holding all the oil in the transformer. All oil spillage would be routed to the main oil and water separator via drains within the containment. The OWS main sump is inspected after any major oil spill and, if required, the level will be lowered using applicable methods.

7.11 Unit 2 Plant Heating Boiler Day Tank 2T-22

- 7.11.1 The Plant Heating Boiler Day Tank is located at ground level Elv. 354 in a room equipped with a dike and a floor drain connected to the oil water system drains. The capacity of 2T-22 is 1936 gallons.
- 7.11.2 In case of a tank rupture the oil will be contained in the turbine building sump and processed by appropriate means.

7.12 Waste Oil Storage Tank T-114

- 7.12.1 The Waste Oil Tank receives dirty oil from the oil water separation unit at ANO. The tank capacity is approximately 3000 gallons.
- 7.12.2 Tank T-114 is located outside near the oil water separator and is contained within a containment dike equipped with drains. In case of a tank rupture the oil would be returned to the oil water separator sump.

7.13 Security Diesel Generator Day Tank

- 7.13.1 The Security Diesel Generator Day Tank is a Simplex Packaged Day Tank System. It is automatically filled by a 1/3HP motor from T-28 and has a capacity of 25 gallons.



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7.13.2 The Security Diesel is located approximately ten feet north of the Administration Building at ground elevation. The Day Tank is located at the west end of the Diesel Generator.

7.13.3 The operation of the Security Diesel Day Tank pump is verified weekly per Surveillance procedure 1305.10.

7.13.4 The Day Tank level is checked, via use of the gage mounted on the Simplex Diesel Day Tank panel, weekly per Surveillance procedure 1305.10.

7.14 ANO Incinerator Diesel Tank

7.14.1 This tank is filled by truck and the fuel is used only for the incinerator. The tank has a capacity of 1,000 gallons.

7.14.2 It is located at the northeast corner of the incinerator building and is surrounded by an earthen dike.

7.15 ANO Gasoline Tanks

7.15.1 These three tanks are used to fuel AP&L plant vehicles. Each tank has a capacity of 1,000 gallons. The tanks contain diesel, unleaded gasoline and regular gasoline.

7.15.2 These tanks are located approximately 200 feet north of the ANO maintenance facility. Each tank is surrounded by individual earthen dikes.

7.16 Bechtel Gasoline Tanks

7.16.1 These three tanks contain gasoline and diesel for use in Bechtel vehicles and are filled by truck. Each of these tanks has a capacity of approximately 1,000 gallons.

7.16.2 The Bechtel gasoline tanks are located approximately 150 feet north of the ANO maintenance facility inside the security area. The tanks are surrounded by an earthen dike.

8.0 FACILITY DRAINAGE AND TREATMENT FACILITIES

8.1 Drainage from the earth dike around T-25 is controlled by a manually operated gate. This valve is kept closed at all times except when rainwater is drained from the containment.



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8.2 Drainage from Unit 1 and Unit 2 turbine building sumps and drainage from the maintenance facility floor drains are processed through the oil water separator unit. The oil water separator is equipped with an oil skimmer unit and a dissolved air flotation unit. Oil from the oil water separation facility is collected and stored in a waste oil tank and disposed of by applicable means.

8.3 Plant drains located on the plant grounds discharge into the plant discharge and intake canals. Potential oil spill locations are situated such that any oil spill could be diverted from these drains by dikes, ditches or ground landscaping.

9.0 INSPECTIONS AND RECORDS

9.1 The fuel oil and lube oil tanks are inspected for leaks and levels recorded once per shift and are periodically inspected per OP 1305.08, (Fuel Oil, Lube Oil Tank Integrity Check". Findings of this procedure are reviewed by the Operations Superintendent. Records of the Tank Integrity Check are maintained in the permanent plant records system.

10.0 SECURITY

10.1 Access into the plant area is controlled through gates by guards 24 hours a day. Plant oil storage facilities are within the ANO security system. Outside areas are fenced, well lighted and under TV surveillance. Admittance to tank areas outside the main plant buildings is limited and is under supervisory control.

11.0 PERSONNEL TRAINING

11.1 Personnel are provided training and must be familiar with the equipment and procedures used before they are authorized to perform work pertaining to oil handling.

11.2 Training sessions shall be held annually for the Oil Spill Response Team. Training shall consist of classroom training and "hands-on" training which involves use of the oil spill clean up equipment.

11.3 This procedure shall be discussed with Operations and Maintenance personnel annually.



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12.0 ATTACHMENTS AND FORMS

12.1 Attachment 1, "Procedure for Use Of Special Equipment For Removal
Of Oil From Surface Of Water"

12.2 Attachment 2, "Oil Spill Response Team Organization And Responsibilities"

12.3 Attachment 3, "Criteria For Notifying Company Officials And Government Agencies"

12.4 Attachment 4, "Site Plan" (Location of Fuel Oil Storage Tanks)

12.5 Form 1903.24A, "Report Of Spill"

12.6 Form 1903.24B, "Notification Record"



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ATTACHMENT 1

Procedure for Use of Special Equipment
for
Removal of Oil from Surface of Water

1.0 IMMEDIATE ACTION

- 1.1 The first objective should be to deploy the floating oil boom to form a barrier and confine the oil to as small an area as possible.
- 1.2 Locate the trailer near the water so that the oil boom can be pulled from the back of the trailer and directly into the water without dragging boom across the ground, if possible.
- 1.3 Lower the tailgate of the trailer and fasten one of the nylon tow bridles to the end of the boom.
- 1.4 Pull the boom from the trailer with a boat. Locate the boom in the water so that both ends can be tied to suitable restraints leaving the boom where it will confine oil to an area and facilitate removing oil from the water.

2.0 SUBSEQUENT ACTION

- 2.1 After oil is confined with the boom, the next step is to remove oil from the surface of the water.
- 2.2 If oil is $>1/2$ inch deep, the skimmer pump can be used to pump oil into barrels or other suitable containers as follows:
 - 2.2.1 Locate the skimmer pump close to the water containing oil and rig up suction and discharge hoses. There are seven 10-foot long sections of 3-inch diameter suction hoses containing yellow floats and two 25-foot long sections of 3-inch diameter discharge hoses without floats.
 - 2.2.2 Couple the five foot diameter semi-circular skimmer head to the free end of the suction hose and shove the suction hose into the water locating the skimmer head in the largest concentration of oil possible. A floating bridge assembly is provided on the trailer and should be used to lift and suspend the suction hose over the boom if it is necessary that the suction hose cross the boom.
 - 2.2.3 Rig the free end of the discharge hose so that oil will be discharged into barrels or other suitable container.
 - 2.2.4 Start the skimmer pump and begin pumping.



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- 2.2.5 The original boom can be repositioned with the boat causing the oil to be moved to the skimmer head or a second section of boom can be deployed inside the original boom and used for this purpose.
- 2.2.6 Continue pumping until oil is less than $\frac{1}{2}$ inch deep. Then use oil absorbing material for further cleanup.
- 2.3 If oil is $<1/2$ inch deep, oil absorbing material should be used to absorb and "mop up" oil. Oil absorbing materials are available either on the trailer or in the storeroom; these materials and their use are described as follows:
- 2.3.1 Sacks of granulated sorbent are located on the trailer. This material will absorb 9 to 15 gallons of oil per bag and floats indefinitely even when saturated with oil. This material can be removed from the water with the skimmer pump.
- 2.3.2 3M type 100 sorbent located in the storeroom. This material is in rolls 3 feet x 150 feet long. It will absorb 13 to 25 times its weight in oil and will not sink. It is recommended for use in open areas on smaller spills. It is used by spreading it on the surface of the water or on the shoreline. It is retrieved with hay forks, shovels, or other long-handled tools.
- 2.3.3 3M type 126 sweeps located in the storeroom. This item is made from the same material described in 2.3.2 above. It is 22 inches x 100 feet long and contains a durable rope to provide strength. It is used by extending between two boats and sweeping the surface of the water. Recommended for removing rainbow sheens and other thin slicks.
- 2.3.4 3M type 156 sheets located in the storeroom. This item is made from the same material described in 2.3.2 above. It is made in 18" x 18" squares and is recommended for small spills in congested areas, shallow water and rocky shorelines. These sheets can be "wrung out" and reused.
- 2.4 The washdown pump can be used to "herd" oil around on the surface of the water, wash the shoreline and clean up equipment. The pump should be placed in the water before starting or shaft damage will result.



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ATTACHMENT 2

Oil Spill Response Team Organization and Responsibilities

The purpose of the ANO Oil Spill Response Team is to minimize the consequences of an oil spill upon the environment of Lake Dardanelle. The Oil Spill Response Team shall be activated per Section 4.4.3 of this procedure. Upon activation the team shall initiate action as described in Section 4.2 and Attachment 1 of this procedure. The Oil Spill Team leader shall be responsible for coordinating oil containment and clean up activities and reporting to the Technical Analysis Superintendent.

Call List For Oil Spill Response Team

	NAME	PHONE
Team Leader	Charles Adams	• •
Alternate Team Leader	Dennis Calloway	• •
Members	Gary Lipham	• •
	Tom Blakenship	• •
	Clyde Butts	• •
	Larry Greathouse	• •
	Al Morgan	• •
	Steve DeYoung	• •
	Sid Hawkins	• •
	Mike Hall	• •
	Phillip Rye	• •
	Wayne Williams	• •

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ATTACHMENT 3

Criteria for Notifying Company Officials
and Government Agencies

40CFR110.9 reads in part: "Any person in charge of any...facility shall, as soon as he has knowledge of any discharge of oil from such...facility..., immediately notify the U.S. Coast Guard of such discharge...". The U.S. Coast Guard National Response Center (USCGNRC) was contacted on 8/3/77 to inquire about specific criteria for notifying USCGNRC of an oil spill. It was determined that USCGNRC desires to be notified of oil entering Lake Dardanelle resulting from an occurrence at ANO.

Section 1 of the attached oil spill report form should be completed prior to making notifications. Section 1 shall be filled out by ANO personnel cognizant of the conditions of the oil spill.

The General Manager or his designee shall make the following notifications:

The USCGNRC shall be notified first (Notification of USCGNRC fulfills all federal law for notification of an oil spill. In the event the National Response Center can not be reached, individual federal agencies must be notified.); the Arkansas Department of Pollution Control and Ecology shall be notified second; then notify Energy Supply Technical Analysis.

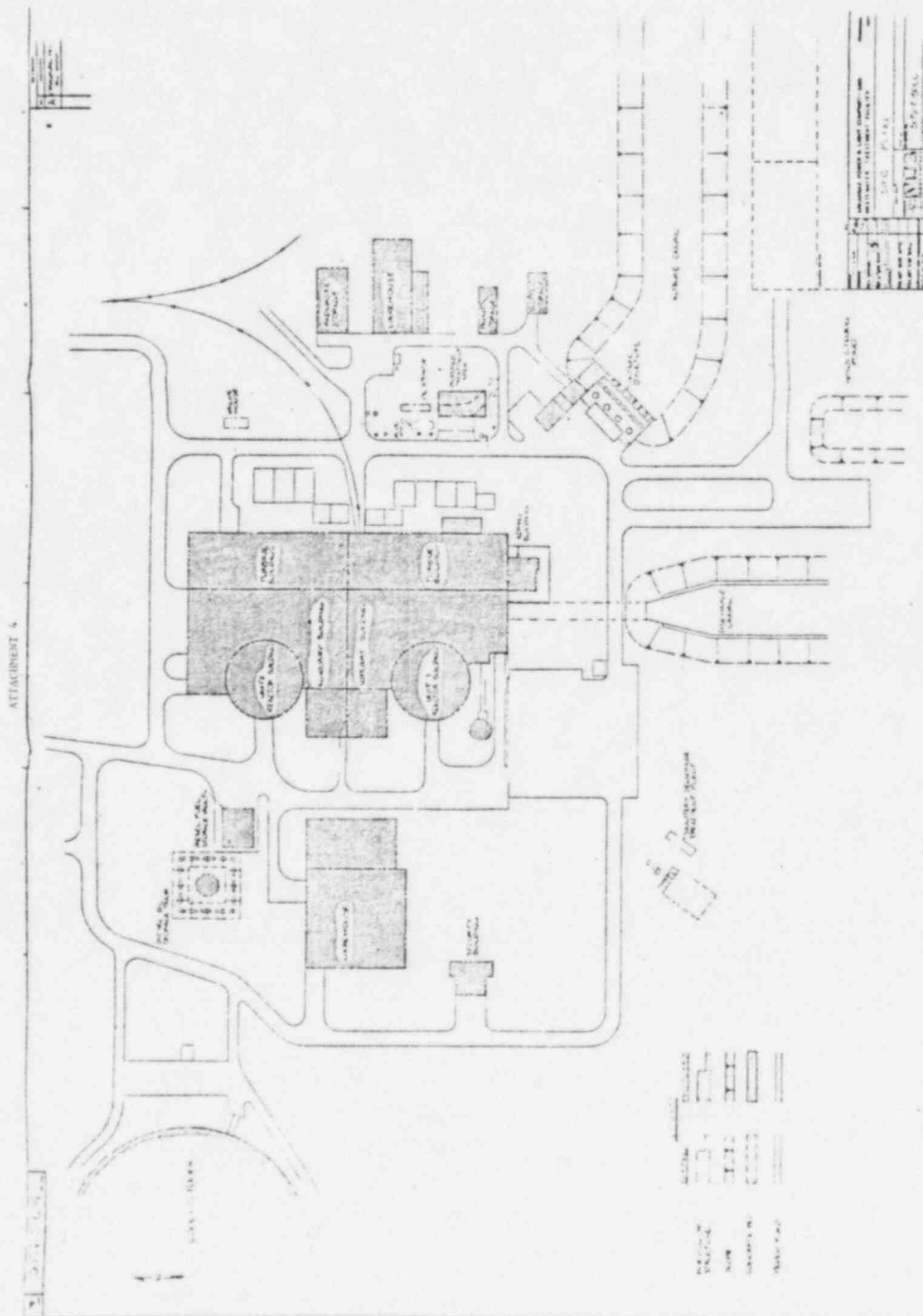
The attached oil spill report form and notification record forms shall be filled out completely and retained for the purpose of evaluating the oil spill event.

A written report in memorandum form shall be made to the Manager of Energy Supply Technical Analysis for proper distribution to various agencies as required. The report shall include a general description of the event, how the spill occurred, counter measures taken to prevent a re-occurrence of the spill and copies of the oil spill report forms and notification records filled out at the time of the spill.

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ATTACHMENT 4





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**ARKANSAS POWER & LIGHT COMPANY**
Arkansas Nuclear One

TITLE:

REPORT OF OIL SPILL

FORM NO.

1903.24A

REV. # 2

PC #

REPORT OF OIL SPILL

DATE/TIME OF NOTIFICATION ____/____/____

I. Description of Spill

A. Spill Date: _____ Time: _____

B. General Weather Conditions:

Temperature _____ °F

Wind Speed _____ miles/hr & /____/ gusty or /____/ steady

Wind Direction _____ (direction wind is from)

Lake Surface Condition (rippling, choppy, whitecapping) _____

C. Location of Spill (intake canal, discharge canal, etc.)

D. Movement of spilled material:

E. Material Spilled (#2 Diesel oil, turbine lube oil, etc.)

F. Quantity Spilled (gallons, barrels, etc.)

G. Source of Spill (barge, truck, oil cooler leak, etc.,)

H. Operation in Progress (unloading oil, transferring oil, etc.)

I. Corrective Action taken:

J. Name of Personnel that discovered spill:

K. Name of Personnel to contact at scene of spill:



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ARKANSAS POWER & LIGHT COMPANY Arkansas Nuclear One

TITLE: NOTIFICATION RECORD

FORM NO. 1903.24B

REV. 3 PC 8

AGENCY	PERSON CONTACTED	PHONE	DATE/TIME CONTACTED
USCG National Response Center			
State Dept. Pollution Control & Ecology			
AP&L ES Technical Analysis	•Dale L. Swindle•	Office • Home •	
AP&L ES Technical Analysis	•Edward L. Green•	Office • Home •	
AP&L ES Technical Analysis	•Firdina C. Hyman•	Office • Home •	
AP&L ES Technical Analysis	•Sharon R. Tilley•	Office • Home •	

For information purposes, the following numbers are provided:

U.S. Coast Guard (Memphis)
24-Hour Emergency

EPA, Dallas
24-Hour Emergency

Corps of Engineers

Other Agencies Notified:

AGENCY	PERSON CONTACTED	PHONE	DATE/TIME CONTACTED

Person Making Notification:

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