

VOLUME III

OMAHA PUBLIC POWER DISTRICT - FORT CALHOUN STATION

EMERGENCY PLAN IMPLEMENTING PROCEDURES

TABLE OF CONTENTS

1. OPERATION SUPPORT CENTER

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-OSC-1	Emergency Classification	R3 7-12-83	7-12-83
EPIP-OSC-2	Emergency Plan Activation	R6 3-31-83	3-31-83
EPIP-OSC-3	Notification of Unusual Event Actions	R1 4-23-82	4-23-82
EPIP-OSC-4	Alert Event Actions	R1 4-23-82	4-23-82
EPIP-OSC-5	Site Area Emergency Actions	R1 1-14-82	1-14-82
EPIP-OSC-6	General Emergency Actions	R1 1-14-82	1-14-82
EPIP-OSC-7	Personnel Rescue	R2 8-30-83	8-30-83
EPIP-OSC-8	Medical Assistance	R1 11-10-82	11-10-82
EPIP-OSC-9	Emergency Repairs, Corrective Actions and Damage Control	R0 4-23-82	4-23-82
EPIP-OSC-10	Initial Assessment of Plant Parameters and Effluent Monitors to Determine Source Term	R1 3-26-82	3-26-82
EPIP-OSC-11	Initial Dose Assessment Based on Plant Instrumentation	R1 3-31-82	3-31-82
EPIP-OSC-12	Accidental Actuation of Early Warning Siren System	R0 11-04-82	
EPIP-OSC-13	Onsite Radiological Monitoring	R0 8-02-83	8-02-83
EPIP-OSC-14	Emergency Duty Officer (EDO) Actions	R1 5-5-83	5-5-83

8310130309 831006
PDR ADOCK 05000285
F PDR

3-30-83

TABLE OF CONTENTS
(Continued)

2. EMERGENCY OPERATION FACILITY

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-EOF-1	Activation of Emergency Operation Facility	R1 1-31-83	1-31-83
EPIP-EOF-2	Emergency Operation Facility Communication	R2 5-13-83	5-13-83
EPIP-EOF-3	Emergency Instruments and Equipment	R3 8-23-83	8-23-83
EPIP-EOF-4	Measurement of Airborne Radioactivity (Incorporated into EPIP-EOF-6)	R3 8-18-82	8-18-82
EPIP-EOF-5	Onsite Dose Assessment (Incorporated into EPIP-EOF-6)	R3 8-18-82	8-18-82
EPIP-EOF-6	Onsite/OffSite Dose Assessment	R3 8-18-82	8-18-82
EPIP-EOF-7	Protective Action Guidelines	R1 4-23-82	4-23-82
EPIP-EOF-8	Environmental Monitoring	R1 5-13-82	5-13-82
EPIP-EOF-9	Personnel Accountability	R3 5-11-83	5-11-83
EPIP-EOF-10	Personnel Decontamination	R2 11-01-82	11-01-82
EPIP-EOF-11	Dosimetry and Records	R1 9-14-82	9-14-82
EPIP-EOF-12	Site Security	R1 1-06-83	1-06-83
EPIP-EOF-13	Shift Supervisor/EDO to EDO Transition	R1 2-01-83	2-01-83
EPIP-EOF-14	EDO to Recovery Manager Transition	R1 11-10-82	11-10-82
EPIP-EOF-15	Determination of Contamination Release Through Plant Stack	R1 11-10-82	11-10-82

VOLUME III
TABLE OF CONTENTS
(Continued)

4. REENTRY AND RECOVERY ORGANIZATION

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-RR-1	Activation of Recovery Organization	R4 8-25-83	8-25-83
EPIP-RR-2	Reentry and Recovery Communication (DELETED)	R0 2-20-81	1-27-83
EPIP-RR-3	Reentry to Evacuated Area	R1 1-06-83	1-06-83
EPIP-RR-4	Reentry and Recovery OnSite NRC Coordination	R1 1-31-83	1-31-83
EPIP-RR-5	Technical Specification Modifications	R0 2-20-81	12-14-82
EPIP-RR-6	Population Exposure Projection	R3 9-07-82	9-07-82
EPIP-RR-7	Recovery Decontamination	R0 2-20-81	12-14-82
EPIP-RR-8	Waste Management	R1 1-06-83	1-06-83
EPIP-RR-9	Reentry and Recovery Equipment Procurement	R1 1-06-83	1-06-83
EPIP-RR-10	Recovery Organization's Recovery Manager	R2 2-01-83	2-01-83
EPIP-RR-11	Recovery Organization's Technical Support Manager	R1 2-01-83	2-01-83
EPIP-RR-12	Recovery Organization's Licensing Administrator	R2 8-30-83	8-30-83
EPIP-RR-13	Recovery Organization's Core Physics Coordinator	R1 2-01-83	2-01-83
EPIP-RR-14	Recovery Organization's Systems Analysis/Procedure Support Coordinator.	R1 2-01-83	2-01-83
EPIP-RR-15	Recovery Organization's Shift Support Coordinator	R2 8-30-83	8-30-83

VOLUME III
TABLE OF CONTENTS
(Continued)

4. REENTRY AND RECOVERY ORGANIZATION (Continued)

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-RR-16	Recovery Organization's Instrument and Control Support Coordinator	R2 8-30-83	8-30-83
EPIP-RR-17	Recovery Organization's Security and Technical Support Administrative Supervisor	R2 2-01-83	2-01-83
EPIP-RR-18	Recovery Organization's Plant Operations Manager	R1 2-01-83	2-01-83
EPIP-RR-19	Recovery Organization's Shift Operations Supervisor	R3 8-25-83	8-25-83
EPIP-RR-20	Recovery Organization's Instrument and Control Supervisor	R1 2-01-83	2-01-83
EPIP-RR-21	Recovery Organization's Maintenance/Quality Control Supervisor	R2 8-23-83	8-23-83
EPIP-RR-22	Recovery Organization's Health Physics/Chemistry Supervisor	R2 8-30-83	8-30-83
EPIP-RR-23	Recovery Organization's Procedure/Training Supervisor	R1 2-01-83	2-01-83
EPIP-RR-24	Recovery Organization's Emergency Coordinator	R2 8-30-83	8-30-83
EPIP-RR-25	Recovery Organization's Dose Assessment Coordinator	R2 8-30-83	8-30-83
EPIP-RR-26	Recovery Organization's Environmental Survey and Analysis Coordinator	R1 2-01-83	2-01-83
EPIP-RR-27	Recovery Organization's Radiochemical Analysis Coordinator	R1 2-01-83	2-01-83

VOLUME III
TABLE OF CONTENTS
(Continued)

4. REENTRY AND RECOVERY ORGANIZATION (Continued)

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-RR-28	Recovery Organization's Dosimetry Coordinator	R2 8-30-83	8-30-83
EPIP-RR-29	Recovery Organization's Administrative Logistics Manager	R1 2-01-83	2-01-83
EPIP-RR-30	Recovery Organization's Administrative Support Coordinator	R1 2-01-83	2-01-83
EPIP-RR-31	Recovery Organization's Finance Coordinator	R2 8-30-83	8-30-83
EPIP-RR-32	Recovery Organization's Accommodations Support Coordinator	R1 2-01-83	2-01-83
EPIP-RR-33	Recovery Organization's Commissary Support Coordinator	R2 8-30-83	8-30-83
EPIP-RR-34	Recovery Organization's Communications Support Coordinator	R1 2-01-83	2-01-83
EPIP-RR-35	Recovery Organization's Human Resources Coordinator	R1 2-01-83	2-01-83
EPIP-RR-36	Recovery Organization's Material Management Coordinator	R2 8-30-83	8-30-83
EPIP-RR-37	Recovery Organization's Transportation Coordinator	R1 2-01-83	2-01-83
EPIP-RR-38	Recovery Organization's Accounting Coordinator	R2 8-30-83	8-30-83
EPIP-RR-39	Recovery Organization's Media Release Center Director	R2 8-30-83	8-30-83
EPIP-RR-40	Recovery Organization's EOF Information Specialist	R2 8-30-83	8-30-83
EPIP-RR-41	Recovery Organization's EOF Technical Liaison	R1 2-01-83	2-01-83

VOLUME III
TABLE OF CONTENTS
(Continued)

4. REENTRY AND RECOVERY ORGANIZATION (Continued)

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-RR-42	Recovery Organization's EOF Information Specialist	R1 2-01-83	2-01-83
EPIP-RR-43	Recovery Organization's EOF Technical Liaison	R1 2-01-83	2-01-83
EPIP-RR-44	Recovery Organization's Public Information and Rumor Control Supervisor	R2 8-30-83	8-30-83
EPIP-RR-45	Recovery Organization's Clerical Supervisor	R1 2-01-83	2-01-83
EPIP-RR-46	Recovery Organization's Internal Services Coordinator	R1 2-01-83	2-01-83
EPIP-RR-47	Recovery Organization's Design and Construction Manager	R2 8-30-83	8-30-83
EPIP-RR-48	Recovery Organization's Utility Engineering Director	R2 8-30-83	8-30-83
EPIP-RR-49	Recovery Organization's Architect Engineering Director	R2 8-30-83	8-30-83
EPIP-RR-50	Recovery Organization's Director of Nuclear Steam Supply System	R2 8-30-83	8-30-83
EPIP-RR-51	Recovery Organization's Director of Construction	R2 8-30-83	8-30-83
EPIP-RR-52	Recovery Organization's Construction Quality Assurance Director	R2 8-30-83	8-30-83
EPIP-RR-53	Recovery Organization's Manager of Waste Management	R2 8-30-83	8-30-83

VOLUME III
TABLE OF CONTENTS
(Continued)

4. REENTRY AND RECOVERY ORGANIZATION (Continued)

<u>Procedure No.</u>	<u>Title</u>	<u>Revision No./Date</u>	<u>Last Review Date</u>
EPIP-RR-54	Recovery Organization's Radwaste/Technical Support Coordinator	R1 2-01-83	2-01-83
EPIP-RR-55	Recovery Organization's Scheduling/Planning Manager	R2 8-23-83	8-23-83
EPIP-RR-56	Recovery Organization's Advisory Support Coordinator	R1 2-01-83	2-01-83
EPIP-RR-57	Recovery Organization's Nuclear Fuel Supplier Representative	R1 2-01-83	2-01-83
EPIP-RR-58	Recovery Organization's Architect Engineering Representative (Gibbs and Hill)	R1 2-01-83	2-01-83
EPIP-RR-59	Recovery Organization's Architect Engineering Representative	R1 2-01-83	2-01-83
EPIP-RR-60	Recovery Organization's Radiological Assessment Representative	R1 2-01-83	2-01-83
EPIP-RR-61	Recovery Organization's Site Representative	R2 8-23-83	8-23-83
EPIP-RR-62	Recovery Organization's NRC and FEMA Representative	R1 2-01-83	2-01-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-OSC-7

PERSONNEL RESCUE

I. PURPOSE

The purpose of this procedure is to provide instructions for the personnel rescue team and rescue squad monitor, and offsite rescue squad.

II. PREREQUISITE

- A. In the event that an injury endangers life or limb, immediate medical treatment/first aid shall always precede decontamination procedures.
- B. A radiation measurement instrument and first aid kit should be with the rescue team entering radiation controlled areas for personnel rescue.
- C. One of the following means of transportation must be available:
 - C.1 The Blair Rescue Squad, Blair, Nebraska
The Fort Calhoun Rescue Squad, Fort Calhoun, Nebraska
 - C.2 On-site company vehicles
 - C.3 Private automobiles of on-duty personnel
 - C.4 UNMC Radiation Health Center vehicle with personnel contamination carrier

III. PRECAUTIONS

- A. Personnel trained in first aid and decontamination procedures should be used to man stretcher and rescue teams to the maximum extent possible.
- B. First aid and rescue team personnel must be aware of radiation levels while performing their duties and use radiation detection instruments to monitor for changing levels.
- C. The Rescue Squad personnel shall not normally enter the Auxiliary Building unless personnel injuries dictate entry is necessary. The squad will normally be met with injured personnel at the North Emergency Exit.

ISSUED

IV. PROCEDURE

1. Personnel Accountability

- 1.1 Collect badges or names of rescue personnel who have exited the Auxiliary Building and any other person who has not previously turned in his badge to the Security Guard.
- 1.2 Report these names to Security Personnel.
- 1.3 Assist Security as necessary in accounting for rescue personnel entering, leaving and remaining on site.
- 1.4 Inform the Monitor Team Coordinator of rescue personnel status. Work with the Security Force/Radio Operator to keep the Monitor Team Coordinator informed of personnel status changes.

2. Emergency Radiation Exposure

- 2.1 Refer questions about emergency radiation exposure to the HP/Chemistry Supervisor or the Emergency Coordinator through the Monitor Team Coordinator.
- 2.2 The Emergency Coordinator shall authorize the amount of exposure greater than 10CFR20 quantities that will be permitted in order to perform any emergency mission. In no case will the exposure be permitted to exceed 75 rem to the whole body.
- 2.3 The Emergency Coordinator will refer to the following guidelines when considering emergency radiation exposures.
 - 2.3.1 When the risk of hazard is such that life would be in jeopardy or there would be severe effects on the health of the public, volunteers may receive up to 75 rem exposure.
 - 2.3.2 In situations where the bodies of accident victims are in areas inaccessible because of high radiation fields, special planning and remote recovery devices should be used to retrieve the bodies. Exposure of recovery personnel should not exceed 12 rem.
 - 2.3.3 When emergency on-site action is necessary to reduce a hazard potential to acceptable levels or to prevent substantial loss of property, an exposure of up to 12 rem may be received by participating individuals. However, volunteers, under special circumstances, may receive up to 25 rem exposure.

ISSUED

IV. PROCEDURE (Continued)

3. Control Area Injury

3.1 Notify the Shift Supervisor of any injury.

3.1.1 If the injury is minor and the person is ambulatory, the injured person shall promptly report the nature and extent of his injury to the Shift Supervisor.

3.1.2 If the injured person is unconscious or immobilized, the first person to become aware of the accident shall notify the Shift Supervisor and remain with the injured person.

3.2 The Shift Supervisor shall dispatch a stretcher team to the scene of the accident if necessary and contact the Blair Rescue Squad for assistance. The personnel rescue team shall have a high range radiation measurement instrument and a first aid kit in its possession. EM First Aid Kits are located in the TSC Building and Corridor 26 of the Auxiliary Building.

3.3 The injured person will proceed, or be taken to the controlled area control point.

3.4 Monitor the injured person for contamination.

3.4.1 Pay particular attention to surveying the area of the injury, if the injury is a wound. The object causing the wound shall be surveyed and a smear obtained. If either survey results in a detectable increase in the audible signal or a reading greater than 50% above background on the smear appropriate decontamination procedures shall be followed.

3.5 Remove as much protective clothing from the injured person as possible. The injured person will be decontaminated to the maximum extent possible without delaying first aid. Immediate first aid should consist of ensuring breathing and stopping bleeding. This assistance together with treatment for shock should continue while the injured person is being transported to the first aid room or hospital care.

3.6 If the injured person is not contaminated or is successfully decontaminated, he shall be moved to the First Aid Room for further treatment.

3.7 If the injury person cannot be decontaminated, or the injury will not permit complete decontamination, the injured person will be placed in clean protective clothing or wrapped in plastic to minimize the spread of contamination.

ISSUED

IV. PROCEDURE (Continued)

- 3.8 The injured person shall be transported by the stretcher team to the emergency exit from the controlled area or to an area of as low radiation readings as possible. A member of the stretcher team shall notify the Shift Supervisor of the location of the injured person and request him to direct the rescue squad to the transfer point.
- 3.9 The Shift Supervisor will notify the UNMC Regional Radiation Health Center that a contaminated patient is enroute.
4. Non-Control Area Injury
- 4.1 Notify the Shift Supervisor of any injury.
- 4.1.1 If the injury is minor and the person is ambulatory, the injured person shall promptly report the nature and extent of his injury to the Shift Supervisor.
- 4.1.2 If the injured person is unconscious or immobilized, the first person to become aware of the accident shall notify the Shift Supervisor and remain with the injured person.
- 4.2 The Shift Supervisor shall dispatch a stretcher team to the scene of the accident if necessary.
- 4.3 Transport the injured person to the First Aid Room for treatment. A member of the stretcher team will notify the Shift Supervisor of the injured person's condition and location.
- 4.4 If additional treatment is necessary, the Shift Supervisor will call the Blair Rescue Squad for transportation to the Blair Memorial Hospital.
5. Rescue Squad Transportation
- 5.1 The Rescue Squad Monitor (Tag 18) will report to the Monitor Team Coordinator for briefing. He will determine the number and location of injured personnel, the extent of the injury, contamination level and total radiation exposure.
- 5.2 If the injured person is contaminated or has received radiation exposure, the Monitor Team Coordinator will assign a qualified rescue squad monitor to escort the Rescue Squad while the injured person is being picked up.
- If the injured person has not been in a radiation control area, a qualified station escort shall accompany the Rescue Squad.
- 5.3 The Rescue Squad Monitor will obtain a personnel air sample, four (4) high range pencil dosimeters (and zero them), and a radiation survey instrument.

IV. PROCEDURE (Continued)

- 5.4 The Rescue Squad Monitor will meet the Rescue Squad and brief them on the location and probable condition of injured personnel, radiation hazards and precautions to be taken. He will issue a pocket dosimeter to each squad member.
- 5.5 If time permits, the Rescue Squad Monitor will provide material and assistance for protecting the interior of the vehicle used to transport the injured person.
- 5.6 The Rescue Squad Monitor will accompany the Rescue Squad to pick up injured personnel at the location indicated by the Monitor Team Coordinator. The stretcher team shall carry the injured person to the vehicle.
- 5.7 The Rescue Squad Monitor will accompany the Rescue Squad to the hospital. He will provide radiological monitoring during the trip.
- 5.8 The driver of the vehicle shall drive the injured person to the Emergency Patient Receiving Entrance of the appropriate hospital. See Figure A and B for route to UNMC Regional Radiation Health Center.
- 5.9 The Rescue Squad Monitor will provide the to the best of his knowledge the following information to hospital personnel.
 - 5.9.1 Types and extent of radiation exposure
 - 5.9.2 Levels of external contamination
 - 5.9.3 Probability of internal contamination
- 5.10 The Rescue Squad Monitor will collect, read and record pencil dosimeters from all Rescue Squad Members and the injured person.
- 5.11 The Rescue Squad Monitor will assist medical technicians at the hospital in performing surveys of personnel, equipment and the vehicle.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Implementing Procedure
EP-IP-EOF-3
EMERGENCY OPERATION FACILITY
EMERGENCY INSTRUMENTS AND EQUIPMENT

I. PURPOSE

The purpose of this procedure is to provide instructions for the use of instruments and equipment provided for use during designated emergencies.

II. PREREQUISITE

A. All emergency monitoring team members have been trained in the use of their instruments and equipment and the responsibilities of their jobs.

III. PRECAUTIONS

A. Samples of type which are collected during an emergency should be retained for subsequent analysis.

B. Instrument problems or malfunctions should be immediately brought to the attention of the Monitor Team Coordinator.

IV. PROCEDURE

1. Operate radiation monitoring instruments in the following manner:

a. Operation of the E-520

(1) Check the instrument for physical damage.

(2) Place the instrument scale switch to the battery check position. The batteries are satisfactory if the needle is within the battery range indicated on the meter face.

(3) When performing General Area Surveys, hold the instrument detection at waist level. Approach the area or room to be surveyed with the instrument on the highest scale (2000 MR for E-520, 200 MR for E-530). Switch to lower scales as necessary to achieve an on scale reading.

(4) Contact readings are made by placing the detector in contact with the article to be surveyed. Down shift scales as necessary.

ISSUED

AUG 23 1983

IV. PROCEDURE (Continued)

b. Operation of the H RTP (High Range Telescoping Probe):

- (1) Check the instrument for physical damage.
- (2) Place the instrument scale switch to the battery check position. The batteries are satisfactory if the needle is within the battery range indicated on the meter face.
- (3) When performing General Area Surveys, hold the instrument detector at waist level. The probe should be extended to full length when entering an area or room of unknown radiation levels. Approach the area or room to be surveyed with the instrument on the highest scale (500 Rem). Switch to lower scales as necessary to achieve an on scale reading.
- (4) Contact readings are made by placing the detector in contact with the article to be surveyed. Down shift scales as necessary.

c. Operation of the Teletector:

- (1) Check the instrument for physical damage.
- (2) Place the instrument scale switch to the battery check position. The batteries are satisfactory if the needle is within the battery range indicated on the meter face.
- (3) When performing General Area Surveys, hold the instrument detector at waist level. The probe should be extended to full length when entering an area room of unknown radiation levels. Approach the area or room to be surveyed with the instrument on the highest scale (1000 Rem). Switch to lower scales as necessary to achieve an on scale reading.
- (4) Contact readings are made by placing th detector in contact with the article to be surveyed. Down shift scales as necessary.

d. Operation of the RO-2 and RO-2A, RO-4A and RO-5A

- (1) Check the instrument for physical damage.
- (2) Check the instrument batteries by turning the function switch to BAT1 and BAT2 positions. The batteries are satisfactory if the needle reads above the BATT cut off line in both cases.
- (3) Turn the function switch to the zero position. Check that the meter reads zero. If not, set it with the zero knob.
- (4) Perform an instrument function check as required by function check procedures.

ISSUED

IV. PROCEDURE (Continued)

- (5) When performing General Area Surveys, hold the instrument at waist level. Approach the area or room to be surveyed with the instrument on the highest scale. Switch to lower scales as necessary to achieve an on scale reading.
- (6) Contact readings are made by placing the detector in contact with the article to be surveyed.
- (7) When measuring Beta or Low Energy Gamma, open the sliding beta shield on the bottom of the case and face the bottom of the instrument toward the radiation source.

2. Operate sample counters and friskers in the following manner:

a. Operation of the E-120 sample counter

- (1) Check the instrument for physical damage.
- (2) Place the instrument scale switch to the battery check position. The batteries are satisfactory if the needle is within the battery range indicated on the meter face.
- (3) Observe the background level prior to each sample count.
- (4) Position the sample to be counted as indicated by the instructions attached to the E-120.
- (5) Start the sample count with the Range Switch on the highest scale. Down switch the scale until a good count rate is obtained.
- (6) Observe the count rate for at least ten seconds. If the count rate continues to increase, observe until the count rate becomes steady.
- (7) Calculate the smear activity using the formula given by the instructions attached to the E-120.
- (8) Record and/or report the activity, time, date and location of the sample. Label each smear and save for later analysis.

b. Operation of the RM-14/RM-15 Frisker

- (1) Check the instrument for physical damage.
- (2) Plug the power cord into a 115 VAC, 60Hz power supply. Place the instrument scale switch to the battery check position. The batteries are satisfactory if the needle is within the battery range indicated on the meter face.

ISSUED
JUN 23 1983

IV. PROCEDURE (Continued)

- (3) If the batteries are low or dead, the instrument will not respond properly in either AC or battery operation.
- (4) Determine a background reading by holding the probe at waist level, facing downward for 15 to 20 seconds. Observe the count rate on the meter face. If the background levels are greater than 300 CPM, move the instrument to an area of lower background.
- (5) Hold the probe approximately one half-inch from the surface to be monitored. Move the probe at a rate of approximately four inches per second.
- (6) Observe the count rate. To arrive at DPM/probe, subtract the background reading from the meter reading and multiply the result by the efficiency factor listed on the instrument.
(CPM-CPM bkg.) Eff. = dpm/probe.

c. Operation of the SAM-2

- (1) Set up the SAM-2 as follows:
 - (a) Plug the power cord into the power supply provided in the vehicle.
 - (b) Connect the Eberline RD-22 detector to the SAM-2.
 - (c) Place the Channel 1 and 2 "IN-OUT" switches in the "IN" position.
 - (d) Check that Channel 1 "THRESHOLD" control is set at 3.27.
 - (e) Check that Channel 1 "WINDOW" control is set at 0.72.
 - (f) Place the Channel 1 "+OFF-" switch in the "+" position.
 - (g) Place the Channel 2 "+OFF-" switch in the "OFF" position.
 - (h) Place the Count Mode Switch to the "STOP" position.
 - (i) Place the rate meter display switch to the Channel "1" position.
 - (j) Place the rate meter scale switch to the "X1K" position.
 - (k) Adjust the response switch to approximately mid range.
 - (l) Place the display switch in the "ON" position.
 - (m) Place the stabilizer switch in the "ON" position.

ISSUED

AUG 13 1981

IV. PROCEDURE (Continued)

- (n) Place the power switch to the "ON" position.
- (o) Select a count time of 1.0 minute.
- (p) Place the count mode switch to the "TIMED" position.
- (q) Place an unused silver zeolite cartridge in the sample holder on shelf 4.
- (r) Obtain a background reading as follows:
 - 1) Place an unused silver zeolite cartridge in the sample holder on shelf 4.
 - a) Press the "RESET-START" switch.
 - b) Record the CPM from the digital display.
 - c) Repeat IV.c.(1)(r) 1) a) and b) three times.
 - d) Average the four readings obtained.
- (2) Collect the radioiodine and particulate sample.
 - (a) Properly place the silver zeolite cartridge and particulate filter into the 2 inch sample holder of the RADeCO H809V.
 - (b) With the power switch in the OFF position, plug the sample into a 115VAC/60HA outlet.
 - (c) Adjust the motor reostat to give the lowest flow rate when the sampler motor is energized.
 - (d) Flip the power switch to the VARIABLE position, and adjust the flow rate to 3 ft³/min. Sample at this rate for 70 seconds.
 - (e) Turn the power switch to OFF, and carefully remove the cartridge and particulate filter for analysis.
 - (f) Make appropriate sample log entries.

ISSUED

AUG 23 1963

IV. PROCEDURE (Continued)(3) Analyze the radioiodine sample with the SAM-2

- (a) Place the charcoal cartridge in the sample holder on the desired shelf.
 - 1) The first count should be performed on shelf 5. If there are no counts or the counts are low, proceed to shelf 4, then shelf 3. Additional samples from the same location may continue to be counted on the same shelf until a large change in count rate is noted.
- (b) Press the "reset-start" switch. Observe the count rate meter, adjust the scale switch as necessary.
- (c) Record the CPM from the digital display.
- (d) Calculate the radioiodine concentration of the sample.

$$\mu\text{ci/cc} = \frac{\text{CPM} - \text{CPM}_{\text{bkg}}}{(\text{Volume}) (\text{Shelf eff.}) (2.22 \text{ E} + 06)}$$

where:

V = Volume in cc's

Eff = Efficiency factor for the shelf used

2.22 E+06 = The conversion factor from DPM to microcuries

- (e) Record and/or report the sample concentration.

3. Use of Fixed Monitors

a. Area Radiation Monitors

- (1) To obtain information about radiation levels monitored by Area Monitors (RM-070 through RM-089 and RM-091A, RM-091B) contact the control room.

b. Process Monitors

- (1) To obtain information about process monitor indications (RM-050 through RM-064) contact the control room.

c. Meteorological Tower

- (1) To obtain meteorological data, contact the control room.

ISSUED

AUG 23 1983

IV. PROCEDURE (Continued)

4. Use of power converters

- a. When the vehicle engine is started, the inverter will automatically operate to provide both AC and DC power to the installed outlets in the vehicles.
- b. Other than maintenance, no operator action is required.

ISSUED

AUG 23 1983

FC/26

R3 8-23-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-1

ACTIVATION OF RECOVERY ORGANIZATION

Method for activating a recovery organization to evaluate and coordinate emergency activities.

I. PURPOSE

This procedure provides the instruction for initiating the Recovery and Re-entry organization to develop, evaluate and direct recovery operations.

II. PREREQUISITE

- A. The Recovery Organization has been activated. Activation is initiated when one of the following is met:
 - (a) A Notification of Unusual Event or Alert emergency classification has been declared and the Recovery Manager, Emergency Coordinator, Plant Operations Manager and the Emergency Duty Officer agree that the Recovery Organization should be activated for possible emergency escalation.
 - (b) The event is elevated to a Site Area or General emergency classification.
- B. The Emergency Operations Facility (EOF) has been activated. The EOF is the recovery management center during post-accident operation.
- C. Members of the recovery organization have been trained in emergency responsibilities.

III. PRECAUTIONS

- A. The recovery management center will be established at the EOF building located at the North Omaha Station site.
- B. The position of Emergency Duty Officer at the TSC should be maintained until transition of authority to the Recovery Manager has been performed per EPIP-EOF-14.

IV. PROCEDURE

- 1. Notify OPPD management for all emergencies by the programmed method detailed in Figure 1 of this procedure. Notification is originated by Fort Calhoun Station Shift Supervisor to the Plant Manager or his designee who contacts the management officer designated the Recovery Manager.

2. The Division Manager - Production Operations is designated the Recovery Manager. The Division Manager - Electric Operations is designated as the alternate.
3. The Recovery Manager will:
 - (a) Begin activation of the Recovery Organization by notifying the Administrative Logistic Manager, as depicted in Figure 2 of this procedure. For an Alert emergency classification, the Administrative Logistics Manager will notify the Technical Support Manager to activate the Technical Support Center. The Administrative Logistics Manager will also place the following members of the Recovery Organization on standby:
 - (1) Alternate for the Technical Support Manager,
 - (2) Alternate for the Plant Operations Manager,
 - (3) Alternate for the Emergency Coordinator,
 - (4) Alternate for the Administrative Logistics Manager,
 - (5) The Media Release Center Director.
 - (b) Contact the Emergency Duty Officer for current emergency status.
 - (c) Report to the Emergency Operations Facility and receive transfer of duties from the EDO, in accordance with implementing procedure EPIP-EOF-14, "EDO to Recovery Manager Transition".
 - (d) Direct all evaluations, decisions and actions required for effective recovery operations.
 - (e) Instruct the Administrative Logistics Manager to activate additional responsibilities of the Recovery Organization as indicated by accident type and plant status, using the "Recovery Organization Call List". Appendix 1 of this procedure lists the individuals to be notified for each emergency classification by position title or duty. The call list is maintained in each of OPPD's emergency facilities and distributed to the following individuals (listed by emergency organization titles):
 - (1) Recovery Manager
 - (2) Administrative Logistics Manager
 - (3) Plant Operation Manager
 - (4) Technical Support Manager
 - (5) Emergency Coordinator
 - (6) Media Release Center Director
 - (7) Design and Construction Manager
 - (8) Manager of Waste Management
 - (9) Scheduling/Planning Manager
 - (10) Emergency Team Tag No.1/1A.
 - (f) Establish communications and authority with the Technical Support Center and Operations Support Center.
 - (g) Carry out additional responsibilities as detailed in implementing procedure EPIP-RR-10.

4. The Recovery Organization personnel are notified in accordance with the scheme depicted in Figure 2 of this procedure.

(a) The Administrative Logistics Manager will notify:

Technical Support Manager

Primary: Section Manager - Technical Services
Alternate: Manager - Reactor and Computer
Technical Services

Plant Operations Manager

Primary: Manager - Fort Calhoun Station
Alternate: Section Manager - Operations

Emergency Coordinator

Primary: Manager - Radiological Health and
Emergency Planning
Alternate: Supervisor - Technical Services, Nuclear
and Chemical Services

Administrative Logistics Manager

Primary: Manager - Administrative Services
Alternate: Division Manager - Quality Assurance and
Regulatory Affairs

Media Release Center Director

Primary: Division Manager - Public Relations
Alternate: Media Relations Manager

Design and Construction Manager

Primary: Division Manager - Engineering
Alternate: Section Manager - Generating Station Engineering

Manager of Waste Management

Primary: Supervisor - Mechanical Technical Services
Alternate: Engineer - Fort Calhoun

Scheduling/Planning Manager

Primary: Manager - Scheduling and Budgets
Alternate: Project Coordinator

Advisory Support Coordinator

Primary: Project Manager - Combustion Engineering, Inc.
Alternate: Vice President - Gibbs and Hill

Director of Nuclear Steam Supply System

Contact Combustion Engineering and request the following individual:

Primary: Project Manager - Combustion Engineering, Inc.
 Alternate: Project Engineer - Combustion Engineering, Inc.

Nuclear Fuel Supplier Representative (Combustion Engineering, Inc.)

Contact Combustion Engineering, Inc. and request the following individuals:

Primary: Senior Engineer
 Alternate: Senior Engineer

(b) The Technical Support Manager will notify:

Licensing Administrator

Primary: Licensing Administrator
 Alternate: Licensing Engineer

Core Physics Coordinator

Primary: Reactor Engineer
 Alternate: Supervisor - Reactor Physics

Systems Analysis/Procedure Support Coordinator

Primary: Manager - Operations and Technical Services
 Alternate: Plant Engineer - Fort Calhoun

Shift Support Coordinator

Primary: Off-Shift Technical Advisor
 Alternate: Off-Shift Technical Advisor

Instrument and Control Support Coordinator

Primary: Supervisor - I and C and Electrical Technical Services
 Alternate: Manager - GSE Principle Research Engineer

Security and Technical Support Administrative Supervisor

Primary: Supervisor - Fort Calhoun Station Administrative and Security Services
 Alternate: Training Coordinator

(c) The Plant Operation Manager will notify:

Shift Operations Supervisor

Primary: Supervisor Operations - Fort Calhoun
 Alternate: Supervisor Technical - Fort Calhoun

Instrument and Control Supervisor

Primary: Supervisor - I and C and Electrical Field
 Maintenance
 Alternate: Instrument and Control Engineer

Maintenance/Quality Control Supervisor

Primary: Supervisor Maintenance - Fort Calhoun
 Alternate: Supervisor Field Maintenance - Fort Calhoun

Health Physics/Chemistry Supervisor

Primary: Supervisor - Chemistry and Radiation Protection
 Alternate: Health Physicist

Procedure/Training Supervisor

Primary: Training Supervisor
 Alternate: Training Coordinator

(d) The Emergency Coordinator will notify:

Dose Assessment Coordinator

Primary: Senior Engineer - Technical Services
 Alternate: Health Physicist

Environmental Survey and Analysis Coordinator

Primary: Manager - Chemical and Environmental
 Technical Services
 Alternate: Supervisor - Environmental Science

Radiochemical Analysis Coordinator

Primary: Plant Chemist - Fort Calhoun
 Alternate: Supervisor - Chemical Services

Dosimetry Coordinator

Primary: Engineer - Reactor and Computer Technical
 Services
 Alternate: TLD Technician

Site Representative

Primary: Supervisor - Corporate Quality Assurance
 Alternate: Manager - Quality Assurance

Radiological Assessment Representative (Pickard, Lowe and Garrick)

Contact Pickard, Lowe and Garrick and request the following individuals:

Primary: Senior Consultant
 Alternate: Consultant

EOF Radio Operator

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

Radiochemical Technician

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

Dose Assessment Operator

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

(e) The Administrative Logistics Manager will also notify:

Administrative Support Coordinator

Primary: Manager - Office Systems
 Alternate: Supervisor - Word Processing

Finance Coordinator

Primary: Manager - Treasury Operations
 Alternate: Manager - Treasury Analysis

Accommodations Support Coordinator

Primary: Division Manager - Employee Relations
 Alternate: Manager - Safety

Commissary Support Coordinator

Primary: Manager - Facilities Services
 Alternate: Manager - Safety Engineer

Communications Support Coordinator

Primary: Manager - Communications
 Alternate: Field Supervisor - Communications

Human Resources Coordinator

Primary: Manager - Employment and Compensation
 Alternate: Supervisor - Employment

Material Management Coordinator

Primary: Manager - Contracts
 Alternate: Manager - Corporate Purchasing

Transportation Coordinator

Primary: Manager - Transportation and Construction
 Alternate: Field Supervisor - Transportation

Accounting Coordinator

Primary: Supervisor - Plant and Contracts
 Alternate: Accountant

EOF Communicator

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

Communication Specialist

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

Clerical Assistant

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

Recovery Manager Secretary

Primary: By Recovery Manager's Designation
 Alternate: By Recovery Manager's Designation

(f) The Media Release Center Director will notify his Recovery Organization Staff in accordance with the Public Information Implementing procedure EPIP-PI-1.

(g) The Design and Construction Manager will notify:

Utility Engineer Director

Primary: Manager - Mechanical Engineering
 Alternate: Manager - Nuclear Engineering

Architect Engineering Director

Contact Stone and Webster and request the following individuals:

Primary: Project Manager - Stone and Webster
 Alternate: Project Engineer - Stone and Webster

Director of Construction

Primary: Manager - Construction Management
 Alternate: Manager - Civil Engineering

Construction Quality Assurance Director

Primary: Supervisor - Procurement and Quality Assurance
 Alternate: Supervisor - Operations Quality Assurance

(h) The Licensing Administrator will notify:

INPO

Primary: Duty Person
 Alternate: Duty Person

(i) The Manager of Waste Management will notify:

Radwaste/Technical Support Coordinator

Primary: Engineer - Technical Services
 Alternate: Engineer - Technical Services

(j) The Advisory Support Coordinator will notify:

NRC and FEMA Emergency Response Teams

Contact NRC and FEMA and request their Emergency Response Teams.

Architect Engineering Representative (Gibbs and Hill)

Contact Gibbs and Hill and request the following individuals:

Primary: Vice President
 Alternate: Senior Engineer

Architect Engineering Representative (Pickard, Lowe and Garrick)

Contact Pickard, Lowe and Garrick and request the following individuals:

Primary: Senior Engineer
 Alternate: Senior Engineer

5. In the event the Administrative Logistics Manager is unable to contact either the primary or alternate to a Recovery Management Assignment, it will be the Administrative Logistics Manager's responsibility to ensure that the remaining members of the respective group are contacted and informed of the emergency.
6. Reporting locations for the Recovery Organization are detailed in implementing procedures EPIP-RR-10 through EPIP-RR-62.

ISSUED

AUG 25 1983

Omaha Public Power District
Fort Calhoun Station
Unit #1

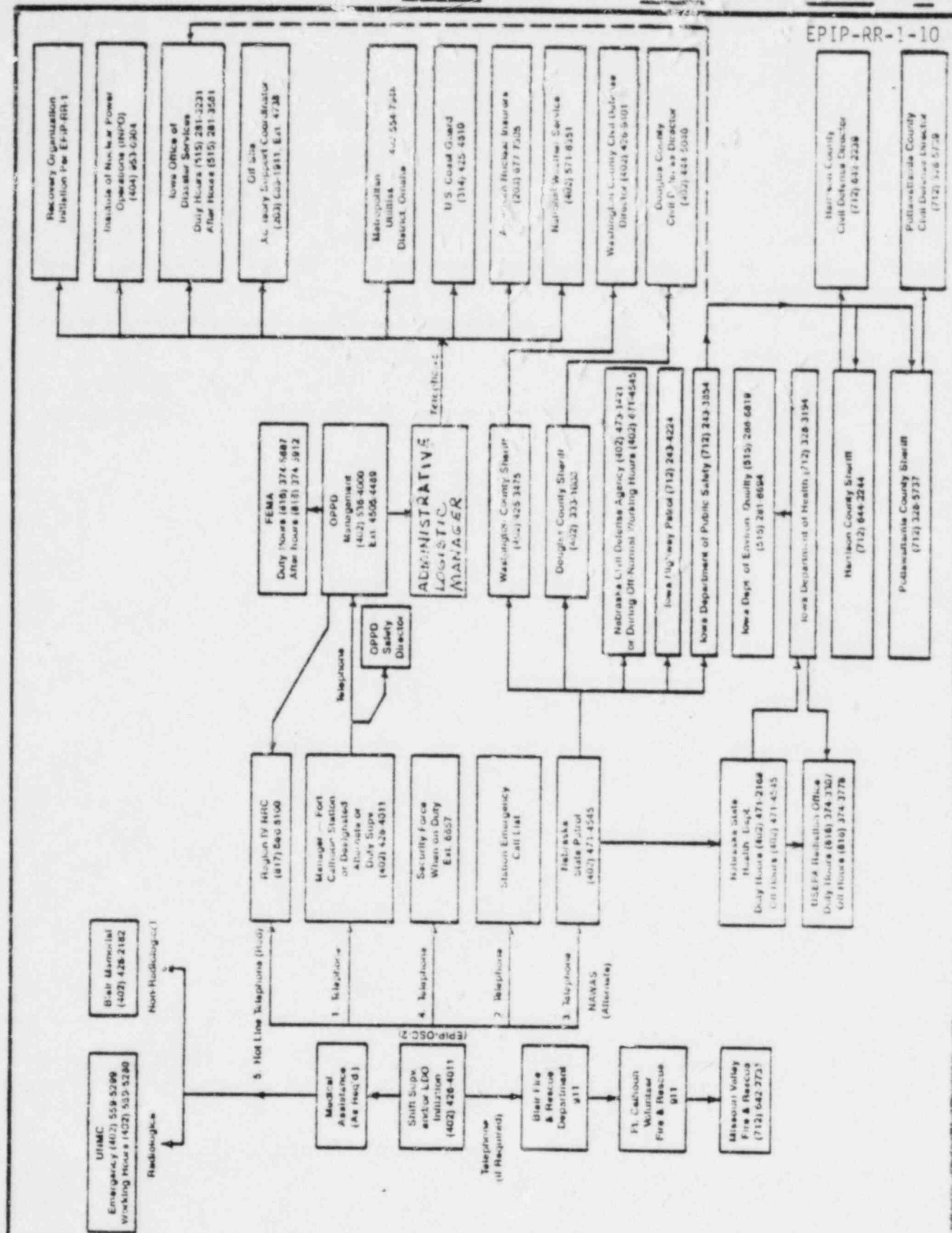
SCHEDULE FOR EMERGENCY
NOTIFICATION AND INFORMATION

R4 8-25-83

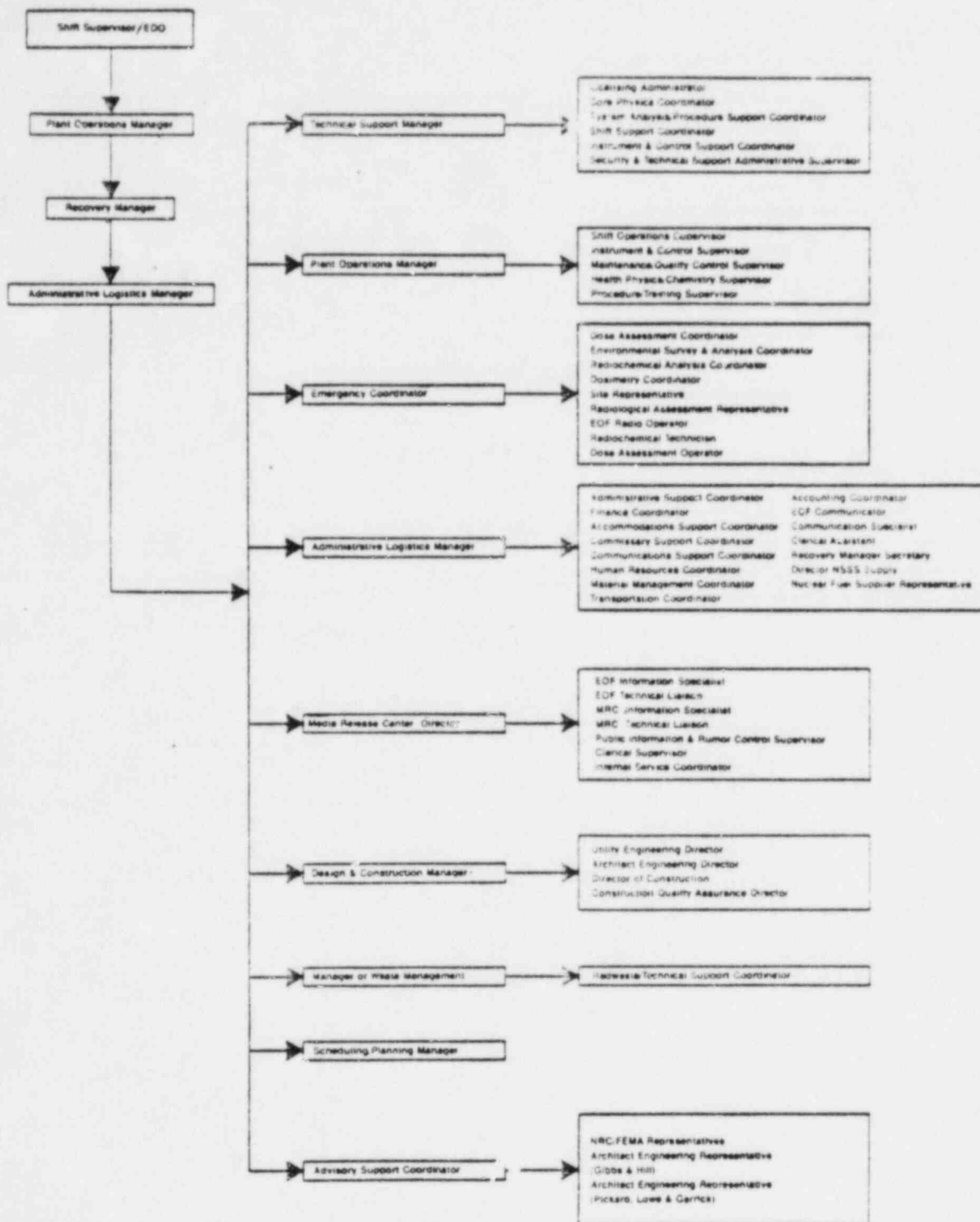
Emergency Plan

Figure

1



EPIP-RR-1-10



Omaha Public Power District
Fort Calhoun Station
Unit #1

RECOVERY ORGANIZATION CALL TREE

R4 8-25-83

Emergency Plan

Figure

2

ISSUED

AUG 25 1983

APPENDIX I
RECOVERY ORGANIZATION CALL LIST

Emergency Classification	Duty/Title	Name	Emergency Station No.	Normal Work Number	Home Phone Number	Initials of Caller	Comments
NOTIFICATION of UNUSUAL EVENT	NOTE: Notification of the individuals below is accomplished through EPIP-OSC-2						
	Plant						
	Operations						
	Manager						
	Shift						
	Operations						
	Supervisor						
	Recovery						
	Manager						
	Emergency						
	Coordinator						
	Core						
	Physics						
	Coordinator						
	Maint./QC						
	Supervisor						
ALERT	I and C						
	Supervisor						
	HP/Chem						
	Supervisor						
	NOTE: Notification of the individuals below is accomplished through EPIP-OSC-2						
	Admin.						
	Logistics						
	Manager						
	Technical						
	Support						
	Manager						
	Licensing						
	Adminis.						
	Sys Anal.						
	Procedure						
		Spt. Coord.					

APPENDIX I
RECOVERY ORGANIZATION CALL LIST

Emergency Classification	Duty/Title	Name	Emergency Station No.	Normal Work Number	Home Phone Number	Initials of Caller	Comments
ALERT (Con't)	Shift Support Coordinator I and C Sup- port Coord. Security and Technical Support/Admin Supervisor Procedure/Tng Supervisor	CONTACT: OFF DUTY SHIFT TECHNICAL ADVISOR					
	NOTE: The Alternate Response individual is contacted for those postions which are asteriked.						
	Technical Support Manager*						
	Plant Operations Manager*						
	Emergency Coordinator*						
	Adminis. Logistics Manager						
	Media Release Center Director						
	INPO						
SITE AREA OR GENERAL	INPO						
	Emergency Coordinator						
	Dose Assess- ment Coord.						

AUG 25 1983
 25
 25
 25
 25

APPENDIX I
RECOVERY ORGANIZATION CALL LIST

Emergency Classification	Duty/Title	Name	Emergency Station No.	Normal Work Number	Home Phone Number	Initials of Caller	Comments
SITE AREA OR GENERAL (Con't)	Environmental						
	Survey and						
	Anal. Coord.						
	Radiochemical						
	Anal. Coord.						
	Dosimetry						
	Coordinator						
	Site Rep.						
	Radiological						
	Assess/Rep.						
	Pickard Lowe						
	and Garrick)						
	Administrative						
	Logistics						
	Manager						
	Administrative						
	Support						
	Coordinator						
	Finance						
	Coordinator						
	Accommodations						
	Support Coord.						
	Commissary						
	Support						
	Coordinator						
	Communications						
	Support Coord.						
	Human Resources						
	Coordinator						
	Material Mgmt.						
	Coordinator						
	Transportation						
	Coordinator						
	Accounting						
	Coordinator						

APPENDIX I
RECOVERY ORGANIZATION CALL LIST

Emergency Classification	Duty/Title	Name	Emergency Station No.	Normal Work Number	Home Phone Number	Initials of Caller	Comments
SITE AREA OR GENERAL (Con't)	Media Release						
	Center Dir.						
	EOF Information Specialist: Individual(s) for this position is notified under EPIP-OSC-2						
	EOF Technical Liaison: Individual(s) for this position is notified under EPIP-OSC-2						
	MRC Info.						
	Specialist						
	Public Info.						
	and Rumor						
	Control						
	Supervisor						
	Clerical						
	Supervisor						
	Internal						
	Services						
	Coordinator						
	Design and						
	Construction						
	Manager						
	Utility						
	Engineering						
	Director						
	Architect						
	Engineering						
	Director						
	Director of						
	Nuclear Steam						
	Supply System						
	Director of						
	Construction						
	Construction						
	QA Director						
	Manager of						
	Waste Material						

APPENDIX I
RECOVERY ORGANIZATION CALL LIST

Emergency Classification	Duty/Title	Name	Emergency Station No.	Normal Work Number	Home Phone Number	Initials of Caller	Comments
SITE AREA OR GENERAL (Con't)	Radwaste Tech.						
	Support Coord.						
	Scheduling/						
	Planning Mgr.						
	Advisory Sup-						
	port Coord.						
	(Combustion						
	Engineering)						
	NRC						
	Representative						
	FEMA						
	Representative						
	Nuclear Fuel						
	Supplier Rep.						
	CE						
	Architect Eng.						
	(Gibbs and Hill						
	and Pickard,						
	Lowe, and						
	Garrick						

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-12
RECOVERY ORGANIZATION'S
LICENSING ADMINISTRATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Licensing Administrator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Licensing Administrator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Licensing Administrator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-12
APPENDIX 1
LICENSING ADMINISTRATOR

A. Personnel AssignmentPrimary (Job Title)

Licensing Administrator

Alternate (Job Title)

Licensing Engineer

B. Reporting Location

Emergency Operations Facility

C. Reports To

Technical Support Manager

D. Supervises/Coordinates

N/A

E. Primary Responsibility

Resolves as necessary with NRC representatives questions regarding Technical Specifications, USAR's, abnormal operating modes and other licensing requirements.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Licensing Administrator designate(s) will report to their assigned location listed in Section B of this Appendix and inform the Technical Support Manager of their/his presence.
2. If required, be prepared to provide around-the-clock support.
3. He will coordinate with NRC representatives to resolve questions in a timely manner concerning USAR and Technical Specification amendments with regard to existing plant conditions in accordance with the implementing procedure EPIP-RR-5.
4. Coordinate with NRC representatives to resolve in a timely manner, license requirements associated with proposed abnormal operating modes or plant modifications in accordance with implementing procedure EPIP-RR-4.

5. Perform safety analysis to support licensing submittals.
6. Will respond to non-compliances discovered through NRC inspection of the utilities nuclear facility.
7. Will notify and interface with INPO during emergencies.
8. Supports Fort Calhoun Station Operations staff in interpretations of Technical Specifications.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-IP-RR-15
RECOVERY ORGANIZATION'S
SHIFT SUPPORT COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Shift Support Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Shift Support Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Shift Support Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 30 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-15
APPENDIX 1
SHIFT SUPPORT COORDINATOR

A. Personnel Assignment

Primary (Job Title)

(Off) Shift Technical Advisor

Alternate (Job Title)

(Off) Shift Technical Advisor

B. Reporting Location

Technical Support Center

C. Reports To

Technical Support Manager

D. Supervises/Coordinates

All support personnel assigned to the plant operations group.

E. Primary Responsibility

Coordinates with the Operations Shift Supervisor for the effective utilization of (off) shift support personnel as assigned to the Plant Operations Group.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Shift Support Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Technical Support Manager of their/his presence.
2. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
3. Report the department's manpower status to the Technical Support Manager.
4. Provides assistance for system valve alignment and equipment operations.

F. Basic Duties (Continued)

5. Support the plant operations group by assisting other members of the Recovery Organization.
6. Provides interface with the Technical Support Group and other members of the Emergency Response Organization.
7. Assimilates and provide plant information required by the personnel assigned as data collectors.
8. Provide the necessary support to the plant operations group for monitoring plant parameters and analysis of plant conditions.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-16
RECOVERY ORGANIZATION'S
INSTRUMENT AND CONTROL SUPPORT COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Instrument and Control Support Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Instrument and Control Support Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Instrument and Control Support Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-16
APPENDIX 1
INSTRUMENT AND CONTROL SUPPORT COORDINATOR

A. Personnel Assignment

Primary (Job Title)

Supervisor - I and C and Electrical Technical Services

Alternate (Job Title)

Manager - GSE Principle Research Engineer

B. Reporting Location

Technical Support Center

C. Reports To

Technical Support Manager

D. Supervises/Coordinates

Operations Technical Support Services Department

E. Primary Responsibilities

1. Analyzes instrument and control problems and develops possible solutions.
2. Designs and coordinates any modifications to existing instrument and control systems.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Instrument and Control Support Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Technical Support Manager of their/his presence.
2. Calls out his staff detailed in Section D of this appendix and have them report to their normally assigned department in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.

ISSUED

F. Basic Duties (Continued)

4. Reports the manpower status to the Technical Support Manager.
5. Coordinates all activities of the I and C and Electrical Engineers needed to support the recovery effort.
6. Oversees the investigation of all instrument and control problems and review problem solving alternatives developed by his department as to their adequacy and workability.
7. Develops and proposes to the plant operations group, an alternative means of monitoring and controlling plant parameters.
8. Oversees the design of and coordinate any modifications to existing facilities and provide the technical support for startup services to ensure continued control and monitoring of plant parameters.
9. Coordinates with the Design and Construction Manager where major instrument and control modifications are required.
10. Provides the technical expertise in the I and C and electrical engineering field for response to questions and inquiries from various regulatory agencies.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-19
RECOVERY ORGANIZATION'S
SHIFT OPERATIONS SUPERVISOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Shift Operations Supervisor.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Shift Operations Supervisor have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Shift Operations Supervisor shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-19
APPENDIX 1
SHIFT OPERATIONS SUPERVISOR

A. Personnel Assignment

Primary (Job Title)

Supervisor Operations - Fort Calhoun

Alternate (Job Title)

Supervisor Technical - Fort Calhoun

B. Reporting Location

Operations Support Center

C. Reports To

Plant Operations Manager

D. Supervises/Coordinates

1. Normal Plant Operations personnel and the Emergency Response Organization shift support personnel.

E. Primary Responsibility

Responsible for the safe operation of the plant. This will require him to implement normal and emergency procedures and instructions to bring the plant to a safe shutdown.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Shift Operations Supervisor designate(s) will report to their assigned location listed in Section B of this appendix and inform the Plant Operations Manager of their/his presence.
2. Call out his staff detailed in Section D of this appendix and have them report to the Operation Support Center in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.

ISSUED

F. Basic Duties (Continued)

4. Reports the manpower status to the Plant Operations Manager.
5. Directs the activities for personnel in the Operations and Emergency Response Organization.
6. Maintains a continuous accountability log for Shift Operations personnel including departure and return to the Control Room.
7. Ensures that plant operations personnel are in compliance with all plant procedures, directives, technical specifications and emergency plans.
8. Responsible for monitoring plant parameters and conditions.
9. Responsible for system valve alignment and equipment operations.
10. Ensures proper interface with the Operations Group and other members of the Emergency Response Organization in support of the recovery operation.
11. Provides information input to the Shift Support Coordinator who in turn supplies this information to the proper individuals.
12. Provides inputs to Plant Operations Manager regarding the current status of the recovery operation.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-21
RECOVERY ORGANIZATION'S
MAINTENANCE/QUALITY CONTROL SUPERVISOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Maintenance/Quality Control Supervisor.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Maintenance/Quality Control Supervisor have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Maintenance/Quality Control Supervisor shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 23 1983

FC/42

R2 8-23-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-21
APPENDIX 1
MAINTENANCE/QUALITY CONTROL SUPERVISOR

A. Personnel Assignment

Primary (Job Title)

Supervisor Maintenance - Fort Calhoun

Alternate (Job Title)

Supervisor Field Maintenance - Fort Calhoun

B. Reporting Location

Technical Support Center

C. Reports To

Plant Operations Manager

D. Supervises/Coordinates

1. Fort Calhoun Maintenance Staff
2. Maintenance/QC Staff
3. Mechanical and Maintenance Technical Augmentation Staff

E. Primary Responsibility

Responsible for the maintenance, repair, installation of modifications and quality control on existing equipment not under the cognizance of the Design and Construction Group.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Maintenance/Quality Control Supervisor designate(s) will report to their assigned location listed in Section B of this appendix and inform the Plant Operations Manager of their/his presence.
2. Calls out the staff detailed in Section D of this appendix and have them report to their normally assigned department in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.

ISSUED

AUG 23 1983

FC/42

R2 8-23-83

F. Basic Duties (Continued)

4. Report the manpower status to the Plant Operations Manager.
5. Coordinates the Technical Augmentation Staff's one (1) Machinist and one (1) General Maintenance Technician and incorporates these individuals into the Recovery Organization.
6. Directs in-house maintenance personnel in the repair and maintenance of existing equipment to original specifications in order to be in compliance with the Technical Specifications and support the recovery effort.
7. Ensures that documentation of all maintenance activities is maintained.
8. Direct in-house maintenance personnel in the installation of modifications to existing equipment in support of the recovery effort.
9. Assign in-house QC inspectors to provide the quality control needed to support in-house maintenance activities.

ISSUED

AUG 23 1983

FC/42

R2 8-23-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-22
RECOVERY ORGANIZATION'S
HEALTH PHYSICS/CHEMISTRY SUPERVISOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Health Physics/Chemistry Supervisor.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Health Physics/Chemistry Supervisor have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Health Physics/Chemistry Supervisor shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-22
APPENDIX 1
HEALTH PHYSICS/CHEMISTRY SUPERVISOR

A. Personnel AssignmentPrimary (Job Title)

Supervisor - Chemistry and Radiation Protection

Alternate (Job Title)

Plant Health Physicist

B. Reporting Location

Technical Support Center

C. Reports To

Plant Operations Manager

D. Supervises/Coordinates

1. Emergency Re-entry Team
2. Plant Health Physics/Chemistry personnel
3. Health Physics and Radiochemistry Technical Augmentation Staff

E. Primary Responsibility

Directs inhouse Health Physics/Chemistry personnel in collection of onsite radiation/chemical data, dose assessment, and radiation protection programs.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Health Physics/Chemistry Supervisor designate(s) will report to their assigned location listed in Section B of this appendix and inform the Plant Operations Manager of their/his presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.

F. Basic Duties (Continued)

4. Report the manpower status to the Plant Operations Manager.
5. Provides dose assessments to the Emergency Organization until the Emergency Operation Facility (EOF) is actuated.
6. Coordinate the Technical Augmentation Staff's one (1) Access Control Technician, one (1) Radiochemistry Technician and the Emergency Team personnel assigned to Tags 11, 12, 13, 14, 18, 19, 19A, 21, 21A, and incorporate these individuals into the Recovery Organization.
7. Ensures the Recovery Organization training in the area of radiation and respiratory protection.
8. Provide whole body counts for reporting and terminating personnel to determine MPC body burdens.
9. Support the recovery operation by providing all necessary health physics coverage.
10. Develops plans, procedures and methods for keeping radiation exposure of recovery personnel as low as reasonably achievable (ALARA).
11. Coordinates with the Dosimetry Coordinator and ensures personnel TLD's are read, and an updated computer listing provided.
12. Ensures the optimum operation of all radiation/chemistry monitors, instruments and equipment.
13. Ensures that chemical group operating records are maintained.
14. Develops, implements and performs various analyses to provide chemical control for all plant systems.
15. Coordinates controlled releases to the environment, and ensure compliance with federal and state regulations are met.
16. Assists in discussion of Radiological assessments with the Dose Assessment Coordinator to verify radioactive release data.

Emergency Plan Implementing Procedure
EPIP-RR-24
RECOVERY ORGANIZATION'S
EMERGENCY COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Emergency Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Emergency Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Emergency Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-RR-24
APPENDIX 1
EMERGENCY COORDINATOR

A. Personnel Assignment

Primary (Job Title)

Manager - Radiological Health and Emergency Planning

Alternate (Job Title)

Supervisor - Technical Services, Nuclear and Chemical Services

B. Reporting Location

Emergency Operations Facility

C. Reports To

Recovery Manager

D. Supervises/Coordinates

1. Dose Assessment Coordinator
2. Environmental Surveys and Analysis Coordinator
3. Radiochemical Analysis Coordinator
4. Dosimetry Coordinator
5. Site Representative

E. Primary Responsibility

Coordinates the Fort Calhoun Station emergency response for offsite radiological assessments. Interfaces with the Recovery Manager and radiological governmental agencies for evaluation of data and recommends corrective actions.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Emergency Coordinator designate(s) will report to the assigned location listed in section B of this appendix and inform the Recovery Manager of their/his presence.
2. Calls out the staff detailed in section D of this appendix and has them report to their assigned emergency stations in order to support on site activities. Notification is conducted in accordance with implementing procedure EP-RR-1.

F. Basic Duties (Continued)

3. Organizes his staff and establishes a schedule of working hours to support around-the-clock operations.
4. Report his group's manpower status to the Recovery Manager.
5. Maintains control over personnel assembled at the Emergency Operations Facility.
6. Ensures that onsite and offsite environmental and radiological monitoring teams are dispatched.
7. Establishes communications with the Technical Support Center and Operations Support Center and obtains information on accident conditions, radiological releases and prevailing meteorological conditions.
8. Maintains communications with designated offsite authorities and relate accident information necessary for these authorities to implement their emergency plans.
9. Interprets all radiological data and provide updates to the Technical Support Center, Operations Support Center, and offsite authorities. Updates should include items such as projected radiological exposures, environmental survey results, recommended protective actions.
10. Provides for additional support upon request. This may range from additional radiological evaluations and equipment to providing medical assistance.
11. Receives any responding representatives from offsite emergency agencies and assist in their information and communications needs.
12. Ensures that personnel in the Emergency Operations Facility have adequate radiation protection considerations afforded them.
13. With the concurrence of the Recovery Manager, he will provide judgement on emergency radiation exposure doses for reentry operation based on guidelines set forth in Section K.1.1 of this Plan.
14. Provides input to Recovery Manager and Plant Operations Manager regarding relaxation/curtailment of Recovery Organization duties.
15. Keeps the Site Representative informed of changing plant status, radiological conditions and recommended protective actions.

F. Basic Duties (Continued)

16. Coordinates the duties of the Emergency Team personnel assigned to Tag 4 and incorporates these functions into the Recovery Organization.
17. Coordinates the efforts of the Emergency Reentry Team members assigned Tags 2 and 3 with the Health Physics/Chemistry Supervisor of the Plant Operations Group.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-25
RECOVERY ORGANIZATION'S
DOSE ASSESSMENT COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Dose Assessment Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Dose Assessment Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Dose Assessment Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-25
APPENDIX 1
DOSE ASSESSMENT COORDINATOR

A. Personnel AssignmentPrimary (Job Title)

Senior Engineer - Technical Services

Alternate (Job Title)

Health Physicist

B. Reporting Location

Emergency Operations Facility

C. Reports To

Emergency Coordinator

D. Supervises/Coordinates

N/A

E. Primary Responsibility

Provides an estimated whole body and/or thyroid dose to the population at any selected point of interest.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Dose Assessment Coordinator designate(s) will report to the assigned location listed in section 3 of this appendix and inform the Emergency Coordinator of their/his presence.
2. Interfaces with Emergency Team personnel assigned to Tags 4 and 4A. Emergency Team personnel will be incorporated into the Recovery Organization when formed.
3. Be prepared to provide around-the-clock support.
4. Coordinates with the Security and Technical Support Administrative Supervisor and Health Physics/Chemistry Supervisor in order to assimilate and record all radiological and meteorological data.

F. Basic Duties (Continued)

5. Perform the following assessments in accordance with implementing procedures EPIP-RR-6 and EPIP-ECF-6.
 - (a) Estimated airborne activity (any selected point)
 - (b) Estimated whole body dose (any selected point)
 - (c) Estimated thyroid dose (any selected point)
6. Provides updated maps and charts showing dose/dose rate estimates at various points from the site.
7. Keeps the Emergency Coordinator informed of changing events.
8. Contact the National Weather Service in Omaha 9-1-402-571-8351 and request projected meteorological weather information necessary to make long term dose exposure projections.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-28
RECOVERY ORGANIZATION'S
DOSIMETRY COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Dosimetry Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Dosimetry Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Dosimetry Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-IP-RR-28
APPENDIX 1
DOSIMETRY COORDINATOR

A. Personnel Assignment

Primary (Job Title)

Engineer - Reactor and Computer Technical Services

Alternate (Job Title)

TLD Technician

B. Reporting Location

Production Operation Division Headquarters

C. Reports To

Emergency Coordinator

D. Supervises/Coordinates

TLD Analysis Technician

E. Primary Responsibility

Provides timely and accurate reports of personnel radiation exposure received by members of the Recovery Organization.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Dosimetry Coordinator designate(s) will report to their assigned location listed in section B of this appendix and inform the Emergency Coordinator of their/his presence.
2. Calls out his staff detailed in section D of this appendix and has them report to their normally assigned department in order to support on site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
4. Reports the manpower status to the Emergency Coordinator.
5. Supports the Recovery Organization by issuing TLD's.

ISSUED

F. Basic Duties (Continued)

6. Ensures personnel TLD's are read and exposure history files are updated in a timely manner.
7. Ensures environment TLD's are read and accurately logged with information supplied to the Dose Assessment Coordinator, Emergency Coordinator, and the Environmental Survey and Analysis Coordinator.
8. Coordinates the transportation of TLD's to and from the Production Operations Division Headquarters thru the Emergency Coordinator.

ISSUED

AUG 3 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-31
RECOVERY ORGANIZATION'S
FINANCE COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Finance Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Finance Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Finance Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-31
APPENDIX 1
FINANCE COORDINATOR

A. Personnel Assignment

Primary (Job Title)

Manager - Treasury Operations

Alternate (Job Title)

Manager - Treasury Analysis

B. Reporting Location

Electric Building

C. Reports To

Administrative Logistics Manager

D. Supervises/Coordinates

Cash Management and Analysis Department

E. Primary Responsibility

Develops, reviews, and administers plans and guidance for the short and long-term financing needed to support the recovery effort.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Finance Coordinator designate(s) will report to their assigned location listed in section B of this appendix and inform the Administrative Logistics Manager of their/his presence.
2. Calls out his staff detailed in section D of this appendix and has them report to their normally assigned department in order to support on site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
4. Reports the manpower status to the Administrative Logistics Manager.

F. Basic Duties (Continued)

5. Assures a timely payment of financial obligations incurred by accounting and material management.
6. Initiates, maintains and upgrades petty cash funds for various members of the Recovery Organization.
7. Provides for the distribution of meal drafts to designated individuals should commissary facilities not be available.

ISSUED

FC/43

R2 8-30-83

AUG 30 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-33
RECOVERY ORGANIZATION'S
COMMISSARY SUPPORT COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Commissary Support Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Commissary Support Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Commissary Support Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 3 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-33
APPENDIX 1
COMMISSARY SUPPORT COORDINATOR

A. Personnel AssignmentPrimary (Job Title)

Manager - Facilities Services

Alternate (Job Title)

Manager - Safety Engineering

B. Reporting Location

Electric Building

C. Reports To

Administrative Logistic Manager

D. Supervises/Coordinates

Facilities Services

E. Primary Responsibility

Provide the needed food handling services to support the Recovery Organization.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Commissary Support Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Administrative Logistics Manager of their/his presence.
2. Calls out the staff detailed in section D of this appendix and has them report to their normally assigned department in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
4. Report the department's manpower status to the Administrative Logistics Manager.

F. Basic Duties (Continued)

5. Determines the best locations and establishes field kitchens to support the recovery effort.
6. Where food handling facilities are not available, provides for food deliveries.
7. Provides adequate sanitation facilities including trash disposal.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-36
RECOVERY ORGANIZATION'S
MATERIAL MANAGEMENT COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Material Management Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Material Management Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Material Management Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-36
APPENDIX 1
MATERIAL MANAGEMENT COORDINATOR

A. Personnel AssignmentPrimary (Job Title)

Manager - Contracts

Alternate (Job Title)

Manager - Corporate Purchasing

B. Reporting Location

Electric Building

C. Reports To

Administrative Logistics Manager

D. Supervises/Coordinates

Material Management Division

E. Primary Responsibility

Represents the Recovery Organization as purchasing agent responsible for contract negotiations/administration and material control.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Material Management Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Administrative Logistics Manager of their/his presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support on-site activities.
3. Mobilizes the Material Management Division to provide timely, adequate and around-the-clock support for the Recovery Organization.
4. Report the department's manpower status to the Administrative Logistics Manager.

F. Basic Duties (Continued)

5. Provides for material procurement at the request of the Recovery Manager in accordance with normal District procurement procedures and implementing procedure EPIP-RR-9.
6. Directs the purchasing and controls the payment authorization for all general stores, supplies, equipment and services required by the Recovery Organization.
7. Provides additional emergency purchase orders to the Recovery Manager or designated alternate to ensure rapid procurement of needed equipment.
8. Provides adequate coordination of activities regarding material and construction contracts to assure compliance with state and federal statutes as well as utility bidding procedures and contractual agreements.
9. Oversees the development and implementation of procedures to handle inventory control and documentation, purchase orders, invoices, and timely delivery schedules.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-38
RECOVERY ORGANIZATION'S
ACCOUNTING COORDINATOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Accounting Coordinator.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Accounting Coordinator have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Accounting Coordinator shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-IP-RR-38
APPENDIX 1
ACCOUNTING COORDINATOR

A. Personnel Assignment

Primary (Job Title)

Supervisor - Plant and Contracts

Alternate (Job Title)

Accountant

B. Reporting Location

Electric Building

C. Reports To

Administrative Logistics Manager

D. Supervises/Coordinates

Accounting Division

E. Primary Responsibility

Oversees the maintenance of all accounting records necessary to support the Recovery Organization.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Accounting Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Administrative Logistics Manager of their/his presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
4. Report the division's manpower status to the Administrative Logistics Manager.

F. Basic Duties (Continued)

5. Supports the payroll accounting function through verifying employee pay records, and payroll preparation for all utility permanent and temporary recovery personnel in accordance with established policies and applicable state and federal laws.
6. Establishes and maintains expense accounts for all recovery support groups as requested.
7. Administers, monitors and processes for payment all vendor and construction contract invoices and billings to assure that payment is made in accordance with contract provisions.

ISSUED

AUG 30 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-RR-39
RECOVERY ORGANIZATION'S
MEDIA RELEASE CENTER DIRECTOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Media Release Center Director.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Media Release Center Director have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Media Release Center Director shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-39
APPENDIX 1
MEDIA RELEASE CENTER DIRECTOR

A. Personnel Assignment

Primary (Job Title)

Division Manager - Public Relations

Alternate (Job Title)

Manager - Public Information

B. Reporting Location

Media Release Center

C. Reports To

Recovery Manager

D. Supervises/Coordinates

1. Public Information and Rumor Control Supervisor
2. Information Specialist (EOF and MRC)
3. Technical Liaison (EOF and MRC)
4. Clerical Supervisor
5. Internal Services Coordinator

E. Primary Responsibility

Serves as the single point interface in the area of press releases

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Emergency News Center Coordinator designate(s) will report to their assigned location listed in Section B of this appendix and inform the Recovery Manager of their presence.
2. Calls out his/her staff detailed in Section D of this appendix and has them report to their assigned emergency facility in order to support on-site activities.
3. Organizes staff personnel and establishes a schedule of working hours to support around-the-clock operations.
4. Report the group's manpower status to the Recovery Manager.

F. Basic Duties (Continued)

5. Acts as the official source of OPPD's statements to the media.
6. Ensures that all statements to the media are technically correct.
7. Under direction of the Recovery Manager, coordinates all plant-released news releases with Federal, State and local officials.
8. Ensures that the Recovery Manager periodically attends press conferences in order to address technical questions and provide information on official recovery operation judgements.
9. Authorizes the preparation of any taped messages that may require broadcasting. (Coordinated with State officials).
10. Ensures that no company employees make statements to the media that are not consistent with those made by the company spokesman (Rumor Control).
11. Serves as the senior representative at the Media Release Center.

ISSUED

FC/43

AUG 30 1983

R2 8-30-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-40
RECOVERY ORGANIZATION'S
EOF INFORMATION SPECIALIST

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of EOF Information Specialist.

II. PREREQUISITE

Both primary and alternate individuals filling the position of EOF Information Specialist have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of EOF Information Specialist shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-40
APPENDIX 1
EOF INFORMATION SPECIALIST

A. Personnel AssignmentPrimary (Job Title)

Manager - Media Relation

Alternate (Job Title)

Public Relations Assistant 2

B. Reporting Location

Emergency Operations Facility

C. Reports To

Media Release Center Director

D. Supervises/Coordinates

Coordinates with State information officers and the Recovery Manager at the EOF regarding plant status information.

E. Primary Responsibility

Coordinates all significant plant information for transmittal to the Emergency News Center.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate EOF Information Specialist designate(s) will report to their assigned location listed in Section B of this appendix and inform the Media Release Center Director and the Recovery Manager his/her of presence.
2. Be able to support around-the-clock operation.
3. Maintain communications with the Division Information Office and the Media Release Center.
4. Coordinates activities with State Information Officers to ensure they receive prompt and accurate plant information.

ISSUED

AUG 7 0 1983

F. Basic Duties (Continued)

5. Gathers information as it becomes available and evaluates its significance in conjunction with the EOF Technical Liaison.
6. Reviews accuracy of data with the Recovery Manager and transmits significant plant information to Media Release Center for final review and release to the news media.
7. Serves as plant information source for the rumor control center.
8. Maintains a written or taped time log of significant reporting activities.
9. Performs duties assigned to the Emergency Team Member, Tag No. 23.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-RR-44
RECOVERY ORGANIZATION'S
PUBLIC INFORMATION and RUMOR CONTROL SUPERVISOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Public Information and Rumor Control Supervisor.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Public Information and Rumor Control Supervisor have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Public Information and Rumor Control Supervisor shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-44
APPENDIX 1

PUBLIC INFORMATION and RUMOR CONTROL SUPERVISOR

A. Personnel Assignment

Primary (Job Title)

Public Relations Assistant 1

Alternate (Job Title)

Public Relations Assistant

B. Reporting Location

Media Release Center

C. Reports To

Media Release Center Director

D. Supervises/Coordinates

Public Information Specialist

E. Primary Responsibility

1. Establishes a telephone center for responding to public questions with reliable, accurate, and timely information concerning the emergency.
2. Provides timely and reliable information to District employees in a further effort to control rumors.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Public Information and Rumor Control Supervisor designate(s) will report to their assigned location listed in Section B of this appendix and inform the Media Release Center Director of his/her presence.
2. Set up and staffs Rumor Control Telephone Center and coordinates its activities with State and local information officers.

ISSUED

F. Basic Duties (Continued)

3. Prepares and distributes periodic employee information bulletins as directed by the Media Release Center Director.
4. Assists the Media Release Center Director in keeping key public officials informed of plant developments.
5. Provides personnel to man telephones and provides prompt and accurate information to citizen callers.
6. Ensures that a record of calls is being maintained using approved forms.

ISSUED

AUG 30 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-47
RECOVERY ORGANIZATION'S
DESIGN AND CONSTRUCTION MANAGER

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Design and Construction Manager.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Design and Construction Manager have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Design and Construction Manager shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-47
APPENDIX 1
DESIGN AND CONSTRUCTION MANAGER

A. Personnel Assignment

Primary (Job Title)

Division Manager - Engineering

Alternate (Job Title)

Section Manager - Generating Station Engineering

B. Reporting Location

Brandeis Building

C. Reports To

Recovery Manager

D. Supervises/Coordinates

1. Utility Engineering Director
2. Architect Engineering Director
3. Director of Nuclear Steam Supply System
4. Director of Construction
5. Construction Quality Assurance Director

E. Primary Responsibility

Coordinates the design and construction activities of the Utility, Architect Engineer, NSS Supplier, construction forces and vendors needed to support the recovery effort.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Design and Construction Manager designate(s) will report to their assigned location listed in Section B of this appendix and inform the Recovery Manager of his/her presence.
2. Call out the staff detailed in Section D of this appendix and have them report to their assigned location. Notification is accomplished in accordance with the implementing procedure EPIP-RR-1.
3. Organizes his/her staff and establishes a schedule of working hours to support around-the-clock operations.

F. Basic Duties (Continued)

4. Report the group's manpower status to the Recovery Manager.
5. Provide the direct contact between OPPD Architect, Engineer, NSSS Supplier and constructor on modification and design matters.
6. Coordinates the necessity for providing engineering and technical specialists to the Technical Support, Plant Operations, Waste Management and Emergency Coordination Response Groups if requested. Prepares to provide additional support as needed.
7. Assures that the design and construction activities are adequately staffed and equipped, which may require this position to coordinate with the Administrative Logistics Manager to ensure proper facilities and equipment are available to support the Design and Construction Group.
8. Directs, coordinates and approves outside engineering design and construction activities so as to conform to OPPD formal requirements, including compliance with normal quality assurance procedures.
9. Prepares to provide the necessary engineering and construction activities to support any emergency modification requests.

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-48
RECOVERY ORGANIZATION'S
UTILITY ENGINEERING DIRECTOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Utility Engineering Director.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Utility Engineering Director have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Utility Engineering Director shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 30 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP1P-RR-48
APPENDIX 1
UTILITY ENGINEERING DIRECTOR

A. Personnel Assignment

Primary (Job Title)

Manager - Mechanical Engineering

Alternate (Job Title)

Manager - Nuclear Engineering

B. Reporting Location

Brandeis Building

C. Reports To

Design and Construction Manager

D. Supervises/Coordinates

GSE Engineering Staff

E. Primary Responsibility

Coordinates the GSE Engineering Staff not having recovery assignments in performing such engineering and design functions that may be necessary to support the recovery operation.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Utility Engineering Director designate(s) will report to their assigned location listed in Section B of this appendix and inform the Design and Construction Manager of his/her presence.
2. Calls out his/her staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support on-site activities.
3. Organizes his/her staff and establishes a schedule of working hours to support around-the-clock operations.
4. Reports the manpower status to the Design and Construction Manager.

ISSUED

AUG 3 0 1983

F. Basic Duties (Continued)

5. Responsible for the conceptual design of systems and equipment to support waste processing needs in order to reduce plant and offsite dose rates.
6. Establishes for the Design and Construction Manager which outside engineering, design and construction activities, if any, shall conform to OPPD formal technical requirements. He will accomplish this by interfacing his OPPD staff with those of the Architect Engineering Director, Director of Nuclear Steam Supply System and Director of Construction and the members of the Advisory Support Group.
7. Coordinates with the Administrative Logistics Manager in order to support vendor manpower and equipment requirements.
8. Provides engineering support as required.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-49
RECOVERY ORGANIZATION'S
ARCHITECT ENGINEERING DIRECTOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Architect Engineering Director.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Architect Engineering Director have met the training requirements and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Architect Engineering Director shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 3 0 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-49
APPENDIX 1
ARCHITECT ENGINEERING DIRECTOR

A. Personnel Assignment

Primary (Job Title)

Project Manager - Stone and Webster (or Stone and Webster Designee)

Alternate (Job Title)

Project Engineer - Stone and Webster (or Stone and Webster Designee)

B. Reporting Location

Emergency Operations Facility (upon request)

C. Reports To

Design and Construction Manager

D. Supervises/Coordinates

Architect Engineering Staff

E. Primary Responsibility

Directs and administratively controls the Architect Engineer's staff to support the requirements of the recovery operation.

F. Basic Duties

1. Following the Recovery Organization activation and upon request, the primary and/or alternate Architect Engineering Director designate(s) will report to their assigned location (upon request) listed in Section B of this appendix as soon as possible. Upon reporting he/she will inform the Design and Construction Manager of his/her presence.
2. Provide the contact between the Architect Engineer and OPPD on technical and administrative matters.
3. Acts as a member of the Advisory Support Group.
4. Prepares to provide engineering and technical specialists to various groups within the Recovery Organization.

ISSUED

F. Basic Duties (Continued)

5. Ensures both onsite and home-office engineering and design functions are adequately staffed to provide timely support.
6. Directs, coordinates, and approves, engineering and design tasks assigned by the Design and Construction Manager.
7. Coordinates the work of suppliers providing components and services in support of the recovery effort.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-50
RECOVERY ORGANIZATION'S
DIRECTOR OF NUCLEAR STEAM SUPPLY SYSTEM

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Director of Nuclear Steam Supply System.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Director of Nuclear Steam Supply System have met the training requirements and are fully aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Director of Nuclear Steam Supply System shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-50
APPENDIX 1
DIRECTOR OF NUCLEAR STEAM SUPPLY SYSTEM

A. Personnel Assignment

Primary (Job Title)

Project Manager - Combustion Engineering, Inc. (or C.E. Designee)

Alternate (Job Title)

Project Engineer - Combustion Engineering, Inc. (or C.E. Designee)

B. Reporting Location

Emergency Operations Facility (upon request)

C. Reports To

Design and Construction Manager

D. Supervises/Coordinates

NSSS Supplier's Staff

E. Primary Responsibility

Directs and administratively controls the NSSS Supplier's staff to support the requirements of the recovery operation.

F. Basic Duties

1. Following the Recovery Organization activation and upon request, the primary and/or alternate Director of Nuclear Steam Supply System designate(s) will report to their assigned location (upon request) listed in Section B of this appendix as soon as possible. Upon reporting he/she will inform the Design and Construction Manager of his/her presence.
2. Provides the contact between the NSSS Supplier and OPPD on technical and administrative matters.
3. Acts as a member of the Advisory Support Group as primary Advisory Support Coordinator.
4. Prepares to provide engineering and technical specialists to various groups in the Recovery Organization.

ISSUED

AUG 30 1983

F. Basic Duties (Continued)

5. Ensures both onsite and home-office engineering and design functions are adequately staffed to provide timely support.
6. Directs, coordinates and approves engineering and design tasks assigned by the Design and Construction Manager.
7. Coordinates the work of suppliers providing components and services for the NSSS Organization.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-51
RECOVERY ORGANIZATION'S
DIRECTOR OF CONSTRUCTION

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Director of Construction.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Director of Construction have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Director of Construction shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 3 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-51
APPENDIX 1
DIRECTOR OF CONSTRUCTION

A. Personnel AssignmentPrimary (Job Title)

Manager - Construction Management

Alternate (Job Title)

Manager - Civil Engineering

B. Reporting Location

Brandeis Building

C. Reports To

Design and Construction Manager

D. Supervises/Coordinates

Construction Forces

E. Primary Responsibility

Directs and administratively controls all construction forces and their subcontractors performing such construction tasks to meet the requirements of the Recovery Organization.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Director of Construction designate(s) will report to their assigned location listed in Section B of this appendix and inform the Design and Construction Manager of his/her presence.
2. Provides direct contact between OPPD and the Constructor on all administrative and construction matters.
3. Directs, coordinates and approves all construction tasks assigned by the Design and Construction Manager.
4. Assures that all construction forces are adequately manned and equipped to provide timely construction support.

ISSUED

F. Basic Duties (Continued)

5. Coordinates the work of suppliers and/or subcontractors providing construction materials and/or services.
6. Coordinates with Administrative Logistics Group in areas of material procurement, human resources, etc.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-52
RECOVERY ORGANIZATION'S
CONSTRUCTION QUALITY ASSURANCE DIRECTOR

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Construction Quality Assurance Director.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Construction Quality Assurance Director have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Construction Quality Assurance Director shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-52
APPENDIX 1
CONSTRUCTION QUALITY ASSURANCE DIRECTOR

A. Personnel Assignment

Primary (Job Title)

Supervisor - Procurement Quality Assurance

Alternate (Job Title)

Supervisor - Operations Quality Assurance

B. Reporting Location

Brandeis Building

C. Reports To

Design and Construction Manager

D. Supervises/Coordinates

Quality Assurance Inspectors

E. Primary Responsibility

Provides direction and administrative control of the Construction Quality Assurance Inspection Staff and the contractor QA/QC program for such construction tasks as the Design and Construction Manager may direct to meet the requirements of the recovery operation.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Construction Quality Assurance Director designate(s) will report to their assigned location listed in Section B of this appendix and inform the Design and Construction Manager of his/her presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support onsite activities.
3. Organizes his/her staff and establishes a schedule to support around-the-clock operations.

ISSUED

F. Basic Duties (Continued)

4. Reports the manpower status to the Design and Construction Manager.
5. Provides the direct contact between OPPD's Quality Assurance Management and the Contractor QA/QC Staff on all administrative and technical matters.
6. Assures that the Contractor QA/QC activity is adequately staffed and equipped to provide timely support.
7. Directs and coordinates the implementation of the Contractor QA/QC program for approved construction tasks.
8. Provides all quality assurance guidance during emergency conditions which may not be solely construction functions.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-53
RECOVERY ORGANIZATION'S
MANAGER OF WASTE MANAGEMENT

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Manager of Waste Management.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Manager of Waste Management have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Manager of Waste Management shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-53
APPENDIX 1
MANAGER OF WASTE MANAGEMENT

A. Personnel Assignment

Primary (Job Title)

Supervisor - Mechanical Technical Services

Alternate (Job Title)

Test Engineer - Fort Calhoun

B. Reporting Location

Technical Support Center

C. Reports To

Recovery Manager

D. Supervises/Coordinates

Radwaste/Technical Support Coordinator

E. Primary Responsibility

Oversees the development of plans and procedures to process and control liquid, gaseous and solid wastes in a manner consistent with the Recovery Organization objectives and to minimize the effects on the health and safety of the public.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Manager of Waste Management designate(s) will report to their assigned location listed in Section B of this appendix and inform the Recovery Manager of his/her presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their assigned location. Notification shall be made in accordance with implementing procedure EPIP-RR-1.
3. Organizes staff and establishes a schedule of working hours to support around-the-clock operations.

ISSUED

F. Basic Duties (Continued)

4. Report the group's manpower status to the Recovery Manager.
5. In conjunction with the Systems Analysis/Procedure Support Coordinator, develops plans and procedures for sampling and processing liquid, gaseous, and solid wastes.
6. Coordinates with the Design and Construction Manager on the development of modifications to plant waste systems and the conceptual designs of new systems and equipment.
7. Approves schedules and priorities for tasks assigned to the Waste Management Group.
8. Coordinates plans and schedules for tasks affecting other managers/coordinators in the Recovery Organization.
9. Provides information and recommendations to the Recovery Manager concerning future operations that could affect the plant or the environment.
10. Evaluates the need for temporary storage facilities, mobile waste processing units, specialized shipping containers, and makes recommendations to the Recovery Manager.
11. Ensures all waste shipments are fully authorized and documented.
12. Coordinates with the Health Physics/Chemistry Supervisor concerning health physics coverage during radwaste operations.

NOTE: The Manager of Waste Management may perform other emergency functions as determined by the nature of the emergency condition.

ISSUED

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EP-RR-55
RECOVERY ORGANIZATION'S
SCHEDULING/PLANNING MANAGER

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Scheduling/Planning Manager.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Scheduling/Planning Manager have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those individuals assigned to the position of Scheduling/Planning Manager shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

AUG 23 1983

R2 8-23-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-55
APPENDIX 1
SCHEDULING/PLANNING MANAGER

A. Personnel Assignment

Primary (Job Title)

Manager - Scheduling and Budgets

Alternate (Job Title)

Project Coordinator

B. Reporting Location

Emergency Operations Facility

C. Reports To

Recovery Manager

D. Supervises/Coordinates

Scheduling and Budgets Department

E. Primary Responsibility

Provides the requisite scheduling and cost control services for planning, engineering, design, construction and system modifications needed to support the recovery operation.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Scheduling/Planning Manager designate(s) will report to their assigned location listed in Section B of this appendix and inform the Recovery Manager of his/her presence.
2. Calls out the staff detailed in Section D of this appendix and has them report to their normally assigned department in order to support onsite activities.
3. Organizes his/her staff and establishes a schedule of working hours to support around-the-clock operations.
4. Reports the group's manpower status to the Recovery Manager.

ISSUED

AUG 23 1983

R2 8-23-83

F. Basic Duties (Continued)

5. Develops the agenda for recovery staff meetings and followups with expeditious scheduling and budget revisions to support plans developed at these meetings.
6. Assists the Recovery Manager in short-term planning and scheduling to expedite the recovery operation. This will require the optimization of all available materials, equipment, manpower and capital resources.
7. Monitors consultant scheduling where outside utility assistance is being provided.
8. Coordinates with the Systems Analysis/Procedure Support Coordinator, I and C Support Coordinator, Materials Management Coordinator and members of the Design and Construction Group to obtain information so as to regularly update the schedule and cost control data, inputting current data to produce a revised schedule and cost control information using digital computer programs and services.
9. Post updated plans, schedules, and cost control data in an area that is readily available to the recovery staff.

ISSUED

AUG 23 1983

R2 8-23-83

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-61
RECOVERY ORGANIZATION'S
SITE REPRESENTATIVE

I. PURPOSE

The purpose of this procedure is to detail assignment and responsibilities of personnel in the Recovery Organization filling the position of Site Representative.

II. PREREQUISITE

Both primary and alternate individuals filling the position of Site Representative have been fully trained and are aware of their duties and responsibilities.

III. PRECAUTIONS

None

IV. PROCEDURE

Upon activation of the Recovery Organization, those personnel assigned to the position of Site Representative shall carry out this assignment as detailed in Appendix 1 of this implementing procedure.

ISSUED

MAY 23 1983

Fort Calhoun Station Unit No. 1
Emergency Plan Implementing Procedure
EPIP-RR-61
APPENDIX 1
SITE REPRESENTATIVE

A. Personnel Assignment

Primary (Job Title)

Supervisor - Corporate Quality Assurance

Alternate (Job Title)

Manager - Quality Assurance

B. Reporting Location

Iowa EOC at Logan, Iowa

C. Reports To

Emergency Coordinator by telephone communication.

D. Supervises/Coordinates

Coordinates with the Governor's EOC Representative

E. Primary Responsibility

Assures technical accuracy and interpretation of information transmitted from OPPD EOF to the State EOC.

F. Basic Duties

1. Upon notification of Recovery Organization activation, the primary and/or alternate Site Representative designate(s) will report to their assigned location listed in Section 3 of this appendix and inform the Emergency Coordinator of his/her presence.
2. Be able to support around-the-clock operation.
3. Maintains communications with the Emergency Coordinator at the EOF.
4. Requests information regarding plant status, radiological releases, and protective actions taken.
5. Assures technical accuracy of information received from the EOF prior to release of this information to the State EOC Representative.

ISSUED

4.6.1.3
FC/42

R2 8-23-83