

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9801270067 DOC.DATE: 98/01/15 NOTARIZED: NO DOCKET #
 FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287
 AUTH.NAME AUTHOR AFFILIATION
 MCCOLLUM,W.R. Duke Power Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

Revised
4/29/98

SUBJECT: Forwards Rev 98-01, Vol B to "Oconee Nuclear Site Emergency Plan Implementing Procedures." Rev being submitted in accordance w/10CFR50.54(q) & does not decrease effectiveness of EPIPs.

DISTRIBUTION CODE: A045D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2+26
 TITLE: OR Submittal: Emergency Preparedness Plans, Implement'g Procedures,

NOTES:

| RECIPIENT ID CODE/NAME | COPIES LTTR ENCL | RECIPIENT ID CODE/NAME | COPIES LTTR ENCL |
|---------------------------|---------------------|---------------------------|---------------------|
| PD2-2 LA | 1 1 | PD2-2 PD | 1 1 |
| LABARGE,D | 1 1 | | |
| INTERNAL: AEOD/HAGAN,D | 1 1 | FILE CENTER 01 | 2 2 |
| NRR/DRPM/PERB | 1 1 | NUDOCS-ABSTRACT | 1 1 |
| EXTERNAL: NOAC | 1 1 | NRC PDR | 1 1 |

OK, 2nd cy rec'd

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 10 ENCL 10



W. R. McCollum, Jr.
Vice President

Duke Power

Oconee Nuclear Site
P.O. Box 1439
Seneca, SC 29679
(864) 885-3107 OFFICE
(864) 885-3564 FAX

January 15, 1998

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Emergency Plan Implementing Procedures Manual
Volume B, Revision 98-01

Please find attached for your use and review copies of the revision to the Oconee Nuclear Station Emergency Plan:

Volume B Revision 98-01, January 1998

This revision is being submitted in accordance with 10 CFR 50-54(q) and does not decrease the effectiveness of the Emergency Plan or the Emergency Plan Implementing Procedures.

Any questions or concerns pertaining to this revision please call Mike Thorne, Emergency Planning Manager at 864-885-3210.

By copy of this letter, two copies of this revision are being provided to the NRC, Region II, Atlanta, Georgia.

Very truly yours,

W. R. McCollum, Jr.
VP, Oconee Nuclear Site

xc: (w/2 copies of attachments)
Mr. Luis Reyes,
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

(w/o Attachments, Oconee Nuclear Station)
NRC Resident Inspector
M. D. Thorne, Manager, Emergency Planning

270002

1/1
A045



9801270067 980115
PDR ADOCK 05000269
F PDR

January 15, 1998

OCONEE NUCLEAR SITE

SUBJECT: Emergency Plan Implementing Procedures
Volume B, Revision 98-01

Please make the following changes to the Emergency Plan, Volume B by following these instructions.

REMOVE

Cover Sheet Rev. 97-10 ✓

Table of Contents, page 1 & 2 ✓

HP/0/B/1009/016 - 09/23/96 ✓

Operations Management Procedure 1-7
- 11/10/97 ✓

Safety Services Emergency
Response Procedure 2.1 - 05/05/97 ✓

ADD

Cover Sheet Rev. 98-01. ✓

Table of Contents page 1 & 22 ✓

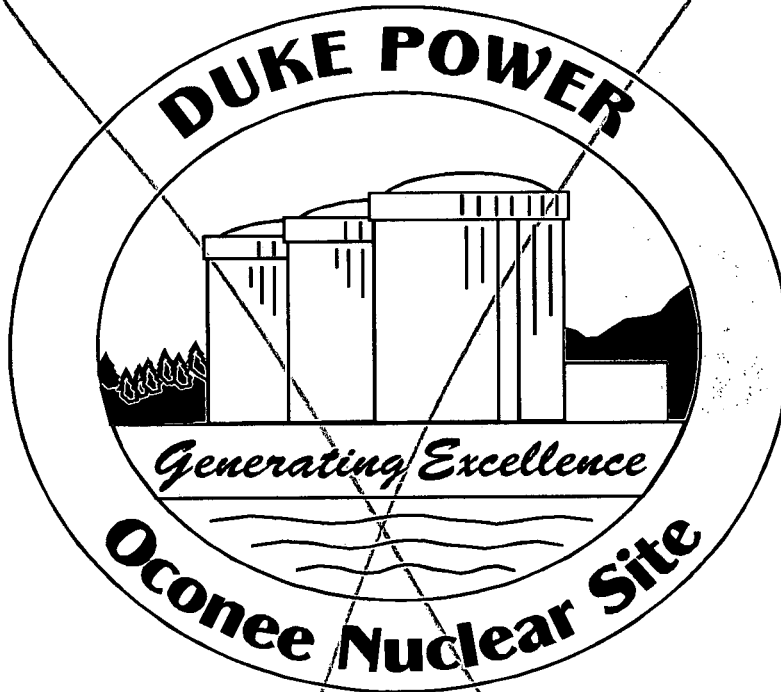
HP/0/B/1009/016 - 12/29/97 ✓

Operations Management Procedure 1-7
- 01/08/98 ✓

Safety Services Emergency
Response Procedure 2.1 - 01/05/98 ✓

DUKE POWER

EMERGENCY PLAN IMPLEMENTING PROCEDURES VOLUME B



APPROVED:

**W. W. Foster, Manager
Safety Assurance**

09/09/98

Date Approved

09/09/98

Effective Date

**VOLUME B
REVISION 98-06
SEPTEMBER, 1998**

VOLUME B
TABLE OF CONTENTS

Page 1

| | |
|------------------------------|---|
| Chemistry Lab LM-O-P-003A | Determination of Boron Using The Metler DL40GP - (06/18/98) |
| Chemistry Lab LM-O-P003C | Determination Of Boron By Manual Colorimetric Titration - (11/18/96) |
| CP/1/A/2002/04C | Operating Procedure for Operation of the Post Accident Liquid Sampling System (PALSS) - (08/06/98) |
| CP/1&2/A/2002/05 | Post Accident Caustic Injection into the Low Pressure Injection System - (08/17/98) |
| CP/2/A/2002/04C | Operating Procedure for Operation of the Post Accident Liquid Sampling System (PALSS) - (08/06/98) |
| CP/3/A/2002/04C | Operation Procedure for Operation of the Post-Accident Liquid Sampling System (PALSS) - (08/06/98) |
| CP/3/A/2002/05 | Post Accident Caustic Injection into the Low Pressure Injection System - (08/17/98) |
| HP/0/B/1009/09 | Procedure for Determining the Inplant Airborne Radioiodine Concentration During Accident Conditions - (12/03/97) |
| HP/0/B/1009/12 | Distribution of Potassium Iodide Tablets in the Event of a Radioiodine Release - (02/04/98) |
| HP/0/B/1009/15 | Procedure for Sampling and Quantifying High Level Gaseous Radioiodine and Particulate Radioactivity - (08/06/97) |
| HP/0/B/1009/16 | Procedure for Emergency Decontamination of Personnel and Vehicles on-site and from Off-site Remote Assembly Area - (12/29/97) |
| HP/1/A/1009/17 | Operating Procedure for Post-Accident Containment Air Sampling System - (01/16/97) |
| HP/2/A/1009/17 | Operating Procedure for Post-Accident Containment Air Sampling System - (10/16/97) |
| HP/3/A/1009/17 | Operating Procedure for Post-Accident Containment Air Sampling System - (10/16/97) |
| RP/O/B/1000/11 | Planned Emergency Exposure - (02/01/94) |
| RP/0/B/1000/25 | Operational Support Center Coordinator Procedure - (08/13/98) |
| RP/0/B/1000/27 | Re-Entry Recovery Procedure - (04/07/97) |

Revision 98-05
August 1998

VOLUME B
TABLE OF CONTENTS

Page 2

| | |
|-------------------------------------|---|
| Chemistry Manual 5.1 | Emergency Response Guidelines - (08/24/98) |
| Chemistry Manual 5.2 | Post Accident Procedure Use Guidelines - (08/17/98) |
| DTA-1 | Site Assembly (ESS - Maintenance Division) - (11/07/95) |
| Maintenance Directive 9.1 | Emergency Preparedness Plan Activation - (06/11/98) |
| Maintenance Directive 9.2 | Emergency Plan for Members of the Work Control Group - (07/30/94) |
| OMP 1-7 | Operations Emergency Response Organization - (01/08/98) |
| Radiation Protection Manual 11.1 | Radiation Protection Emergency Response - (09/01/98) |
| Radiation Protection Manual 11.4 | Radiation Protection Site Assembly - (09/08/98) |
| Safety Services Procedure 2.1 | Safety Services Emergency Response Procedure 2.1 - (01/05/98) |
| CP/0/A/2003/02B | Determination of Failed Fuel - (04/03/86) DELETED |
| CP/0/A/2004/02A | Post Accident Determination of Boron Concentration Using the Orion Fluoroborate Electrode - (03/28/85) DELETED |
| CP/0/A/2004/02F | Determination of Boron for High pH Samples Following Caustic - (12/12/94) - DELETED |
| CP/0/A/2004/09D | Post Accident Determination of PH - (03/28/85) DELETED |
| CP/0/A/2004/037 | Determination of Boron by Manual Colorimetric Titration Using Phenolphthaline Indicator - (12/12/94) DELETED |
| CP/0/A/2005/2D | Post Accident Determination of Gamma Isotopic Activity - (07/09/82) DELETED |
| CP/0/B/2001/05A | Post Accident Analytical Procedure Guidelines - (06/14/85) DELETED |

Revision 98-06
September, 1998

VOLUME B
TABLE OF CONTENTS

Page 3

| | |
|---|---|
| CP/0/B/2005/09 | Determination of Failed Fuel - (10/05/90) DELETED |
| CP/0/B/4003/01 | Procedure for Environmental Surveillance Following a Large Unplanned Release of Gaseous Radioactivity - (07/25/85) DELETED |
| CP/0/B/4003/02 | The Determination of Plume Direction and Sector(s) to be Monitored Following a Large Unplanned Release of Gaseous Activity DELETED |
| HP/0/B/1009/10 | Procedure for Quantifying Gaseous Releases Through Steam Relief Valves Under Post-Accident Conditions - (10/30/85) DELETED |
| HP/0/B/1009/11 | Projection of Offsite Dose from the Uncontrolled Release of Radioactive Materials Through a Unit Vent - (05/24/85) DELETED |
| HP/0/B/1009/14 | Project Offsite Dose from Releases other than Through a Vent - (02/12/85) DELETED |
| IP/0/A/0050/001 | Procedure to Provide Emergency Power to an HPI Pump Motor from the ASW Switchgear - (10/05/92) DELETED |
| IP/0/B/0050/004 | Emergency Power - Telephone System - (03/30/87) DELETED |
| DTA-2 | Station Support During a Site Assembly - (03/26/92) DELETED |
| Integrated Sched. | Integrated Scheduling Group Directive 6.0 - (10/26/89) DELETED |
| STA. SVCS. 3.1.6 | Industrial Safety, Health, and/Fire Protection Section - (09/18/89) DELETED |
| Commodities & Facilities CF 1-10 | Site Assembly CF 1-10 - (11/01/94) - DELETED |
| Commodities & Facilities Functional Area Directive 102 | Station Support During a Site Assembly Functional Area Directive 102 - (07/14/97) - DELETED from Volume B, moved to Volume C on 06/15/98 Rev. 98-04 |

Revision 98-04
July, 1998

INFORMATION ONLYDuke Power Company
PROCEDURE PROCESS RECORD(1) ID No. HP/B/0/1009/16
Change(s) 12 to
12 Incorporated**PREPARATION**

- (2) Station OCONEE NUCLEAR
- (3) Procedure Title Procedure for Emergency Decontamination of Personnel and
and Vehicles On-site and Off-site Remote Assembly Area
- (4) Prepared By Lisa Davies Date 9-6-96
- (5) Requires 10CFR50.59 evaluation?
☒ Yes (New procedure or reissue with major changes)
☐ No (Reissue with minor changes OR to incorporate previously approved changes)
- (6) Reviewed By Michael Bonfr Date 9/16/96
 Cross-Disciplinary Review By _____ N/R _____ Date _____
- (7) Additional Reviews
 Reviewed By Dory Berkshire Date 9-13-96
 Reviewed By _____ Date _____
- (8) Temporary Approval (if necessary)
 By _____ (SRO) Date _____
 By _____ Date _____
- (9) Approved By J. A. Timiff Date 9/23/96

PERFORMANCE (Compare with Control Copy every 14 calendar days)

- (10) Compared with Control Copy _____ Date _____
 Compared with Control Copy _____ Date _____
 Compared with Control Copy _____ Date _____
- (11) Date(s) Performed _____
 Work Order Number (WO#) _____

COMPLETION

- (12) Procedure Completion Verification
- ☐ Yes ☐ N/A Check lists and/or blanks properly initialed, signed, dated or filled in N/A or N/R, as appropriate?
- ☐ Yes ☐ N/A Listed enclosures attached?
- ☐ Yes ☐ N/A Data sheets attached, completed, dated and signed?
- ☐ Yes ☐ N/A Charts, graphs, etc. attached and properly dated, identified and marked?
- ☐ Yes ☐ N/A Procedure requirements met?
- Verified By _____ Date _____
- (13) Procedure Completion Approved _____ Date _____
- (14) Remarks (attach additional pages, if necessary)

Information Use

HP/O/B/1009/16

DUKE POWER COMPANY OCONEE NUCLEAR STATION

PROCEDURE FOR EMERGENCY DECONTAMINATION OF PERSONNEL AND VEHICLES ON SITE AND FROM OFFSITE REMOTE ASSEMBLY AREA

1.0 Purpose

To provide a procedure for decontamination of personnel and personal vehicles during a radiological emergency condition from both an onsite and offsite assembly area.

This procedure is an Emergency Plan Implementing Procedure (EPIP). It must be forwarded (BY RP) to the Emergency Planning group within 3 working days of approval. {Reference 2.6}

2.0 References

- 2.1 NUREG 0654, FEMA-REP-1, Rev. 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 2.2 Oconee Nuclear Site Emergency Plan
- 2.3 System Radiation Protection Manual VI-3, Investigation of Skin and Clothing Contaminations.
- 2.4 System Radiation Protection Manual III-3, Posting of Radiation Control Zones
- 2.5 HP/O/B/1002/46, Operation of Portable Radiation Survey Instruments
- 2.6 ONS PIP 4-093-0701

3.0 Limits and Precautions

- 3.1 Personal vehicles will not be used for evacuation purposes should it be determined by the Emergency Coordinator that time to decontaminate cars would affect the safety of station personnel. Transportation would be obtained by the Technical Support Center or the Emergency Operations Facility.
- 3.2 Keys to the appropriate school and cabinets shall be obtained by Radiation Protection technicians from Security in the Operational Support Center.
- 3.3 Security guards shall assist in maintaining order during the exit from the station and will secure all gates to make sure egress is from the recommended exit.
- 3.4 Personnel shall exit the station through the exit designated by the Emergency Coordinator.

4.0 Procedure

4.1 Onsite-Personnel & Vehicle Decontamination Procedure for Evacuation.

4.1.1 Perform a whole body survey using an E-120 (or equivalent) on all personnel exiting the station or as directed by the Emergency Coordinator or Radiation Protection Manager.

4.1.1.1 Direct personnel with survey readings > 2 mrem/hr to a shower facility as directed by the Emergency Coordinator or Radiation Protection Manager.

Shower locations are (but not limited to):

- A) Turbine Building Locker Rooms
- B) ONS Complex (Room 1000-86 near "blast/coating" room in Warehouse)
- C) Radwaste Facility Locker Rooms
- D) Security Firing Range (during winter months security will need to turn on water, etc.)

4.1.1.2 Release personnel at < 2 mrem/hr, or as directed by the Emergency Coordinator or Radiation Protection Manager, to Keowee or Daniel High School. (See Enclosure 5.1).

4.1.2 Complete Enclosure 5.2, Initial Personnel Contamination Form, for those persons contaminated to levels > 2 mrem/hr.

4.1.2.1 Retain Enclosure 5.2 for use by the Radiation Protection Manager for dose assessment information.

4.1.3 Survey vehicles for release at < 2 mrem/hr, or as directed by the Emergency Coordinator, or Radiation Protection Manager, using an E-120 (or equivalent).

4.1.3.1 Wash down vehicles, if necessary, at a hose station to reduce contamination levels to < 2 mrem/hr, or levels as directed by the Emergency Coordinator or Radiation Protection Manager by:

- A) Securing hose from hose cabinet.
- B) Attaching hose to fire hydrants at locations indicated below:
 - 1. Exit from station - North 130. Administration Building Fire Hydrants.
 - 2. Exit from station - South 183 - Intake road. CCW Fire Hydrant.

3. Exit from station South 183. 230 kv Switchyard Fire Hydrant.

NOTE: Radiation Protection will determine the need for protective clothing and respiratory protection.

- 4.2 Offsite-Decontamination of Personnel and Vehicles at Keowee/Daniel High School (See Enclosure 5.3 for maps of the schools.)

NOTE: Secure appropriate key and instruments prior to traveling to designated school. (L&P 3.2)

- 4.2.1 Establish a decontamination area at the designated school.

- 4.2.2 Survey personnel arriving at the school by using an RM-14 with a thin window detector.

- 4.2.2.1 Decontaminate personnel found to be in excess of release limits.

- 4.2.2.2 Release personnel in accordance with limits specified in reference 2.3.

- 4.2.2.3 Complete an Individual Contamination Exposure Levels form for each contaminated person (Enclosure 5.4).

- 4.2.3 Collect waste water samples periodically for analysis using the one liter bottles found in the decontamination supplies.

- 4.2.4 Decontaminate the building, site and private vehicles after all personnel have exited and the building is no longer needed.

NOTE: Decontaminated to levels < 1000 dpm/100cm² smearable $\beta\gamma$ and < 100 cpm over background measured with a thin window GM detector at 1/2 inch (5000 dpm/100cm² total $\beta\gamma$).

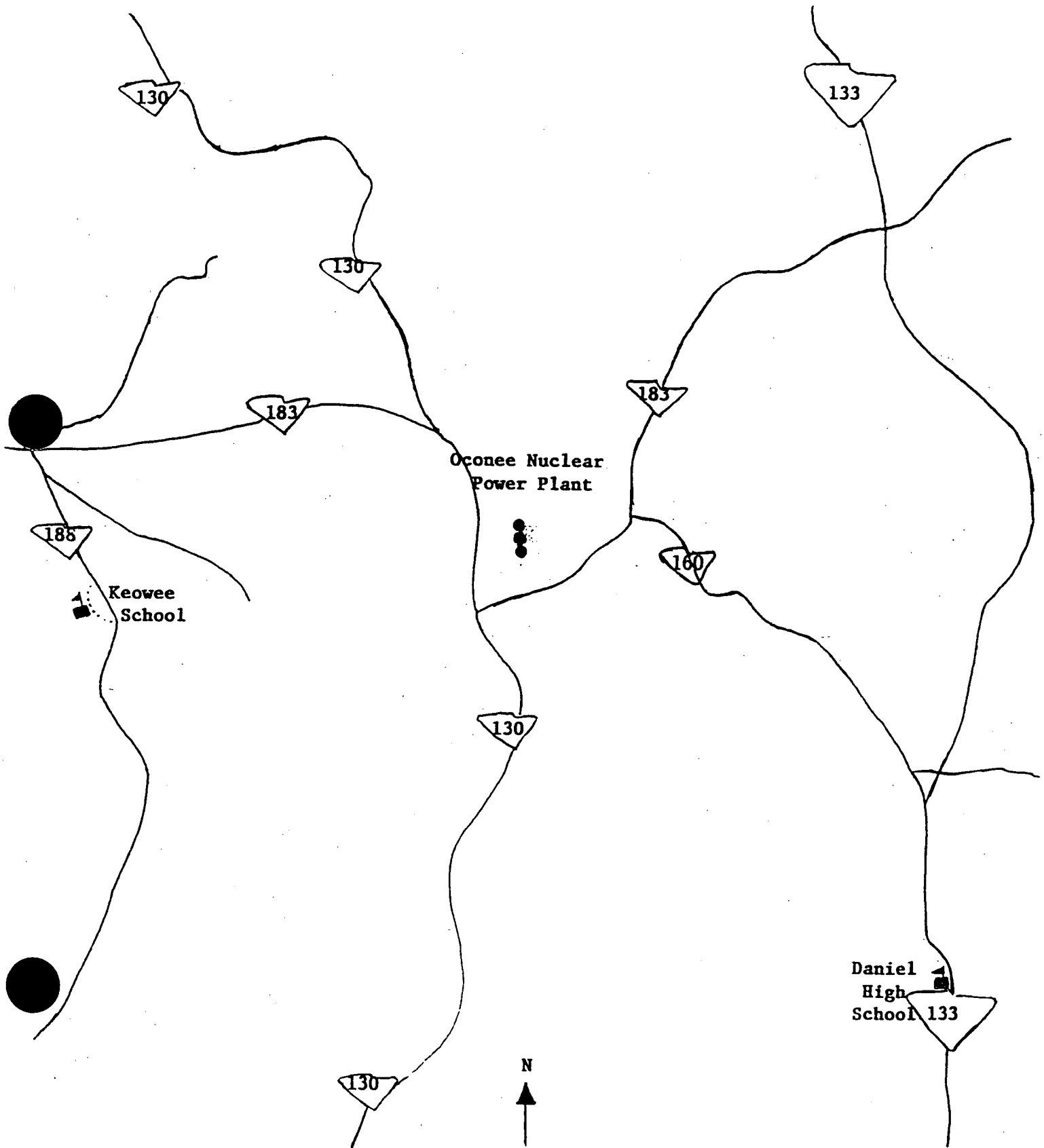
5.0 Enclosures

- 5.1 Emergency Evacuation Routes from Station (03/92), 1 page
- 5.2 Initial Personnel Contamination Record (03/92), 1 page
- 5.3 D. W. Daniel High School and Keowee School (1/89), 2 pages
- 5.4 Individual Contamination Exposure Levels (01/93), 1 page

03/92

Emergency Evacuation Routes From Station

HP/0/B/1009/16



INITIAL PERSONNEL CONTAMINATION RECORD

HP/0/B/1009/16

[illegible]

D. W. DANIEL HIGH SCHOOL

HP/0/B/1009/16

BUS PARKING AREA

BUS RAMP

GATE

LUNCH

LIBRARY

BAND

AUD.

OFF.

LIGHT
SWITCH

GYM

LCR.
RM.

EMERGENCY

REST
RM.

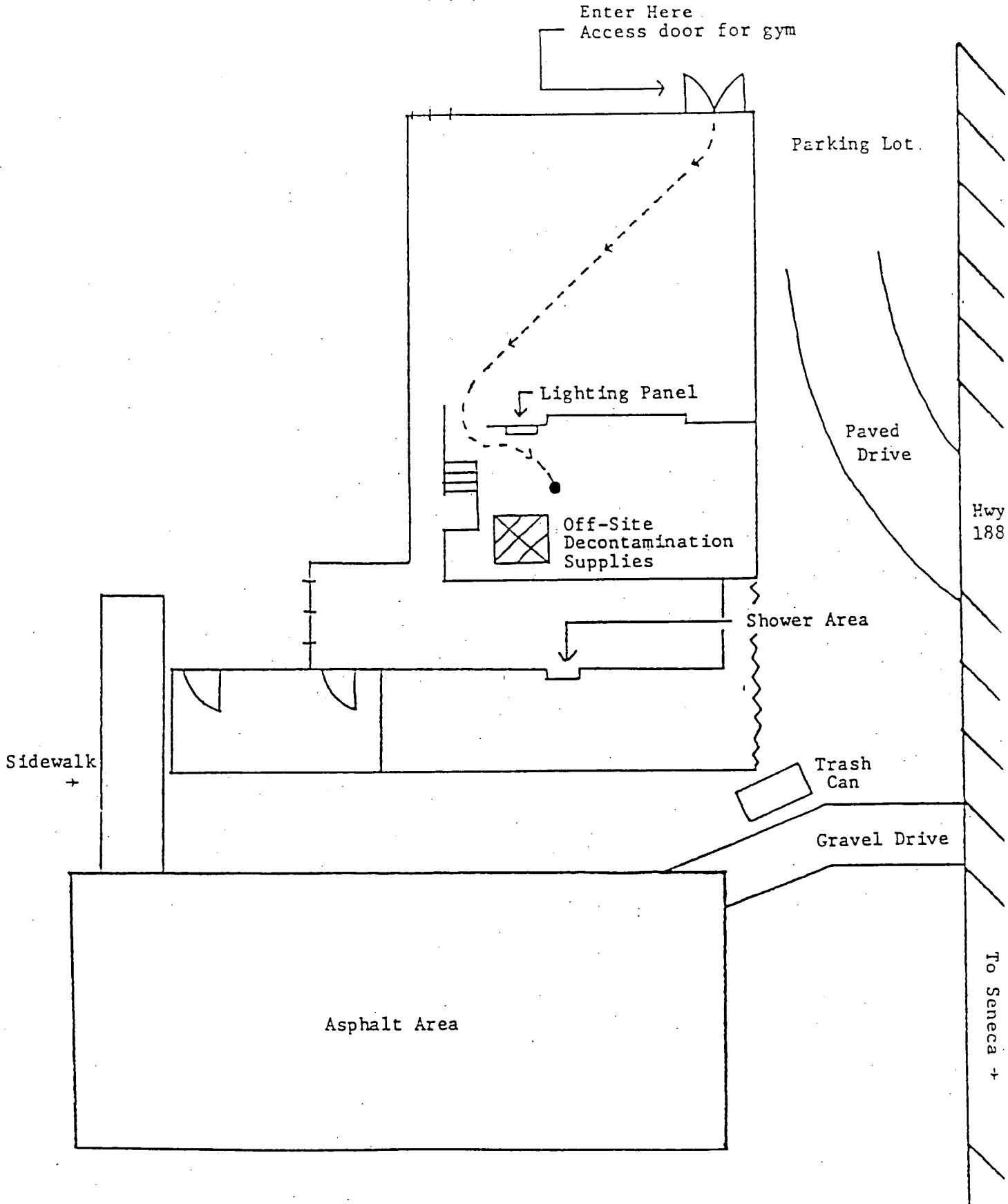
ENTER
HERE



ENCLOSURE 5.3

KEOWEE SCHOOL

HP/O/B/1009/16



INDIVIDUAL CONTAMINATION EXPOSURE LEVELS

HP/0/B/1009/16

LICENSEE: DUKE POWER COMPANY

IDENTIFICATION INFORMATION

Name: _____ Date: _____
Social Security Number: _____ Time: _____
Employer: _____ R.P. Badge #: _____

CONTAMINATION EXPOSURE LEVELS

Instrument Used: _____ Instrument Reading: _____
(RM-14 with thin window detector or equivalent)

Date: _____ Employee Signature: _____
Remarks: _____ Address: _____

To the individual named above _____, this report is furnished
to you so that you have a prompt record of your radioactive contamination
level.

Radiation Protection Manager

Date: _____

Copies to:

Individual _____
Individual File _____

INFORMATION ONLY

Reviewed by Dan Hayes
Approved by DD [Signature]
Date 11/10/97
Emergency Planning M. D. Thome
Revision # 16

OCONEE NUCLEAR STATION
OPERATIONS MANAGEMENT PROCEDURE 1-7
EMERGENCY RESPONSE ORGANIZATION

NOTE: Copies of all changes to this OMP must be forwarded to the Emergency Planning Group within 3 working days of approval.

1.0 Purpose

- Identify the Emergency Response Organization (ERO) participants and describe their responsibilities, qualifications, and positions for emergencies and ERO drills.
- Provide guidelines for ERO notifications and communications.

2.0 References

NUREG 0654
Emergency Plan
OMP 1-3 (OPERATIONS DUTY POSITIONS)

3.0 Responsibilities

- 3.1 All ERO responders shall make every effort to report to the Technical Support Center/Operational Support Center (TSC/OSC) within 45 minutes of the declaration of the Emergency Action Level. This time period shall not exceed 1 hour and 15 minutes.
- 3.2 During an actual emergency all ERO qualified personnel should respond if the response does not create a hardship. For drills, Duty/Designated individuals should respond.
- 3.3 All ERO responders shall follow the Fitness For Duty guidelines covered in the Policies and Management Procedures document.

MAJOR REVISION

3.4. The Superintendent of Operations Duty Person shall:

- Participate as a member of the Technical Support Center (TSC).
- Oversee Operations activities.
- Monitor the emergency situation.
- Make recommendations for stabilization and recovery of the emergency situation.
- Relieve the Operations Shift Manager (OSM) as Emergency Coordinator in the event the Station Manager is unavailable.

3.5 The OPS Procedural Support Duty Person shall:

- Report to the TSC.
- Provide assistance to the Superintendent of Operations in the TSC.
- Fill Severe Accident Mitigation Guides (SAMG) evaluator role if required by plant conditions.

3.6 The OPS Unit Support Duty Person shall:

- A. Participate as a member of the OSC. Follow guidance provided in RP/0/B/1000/25.
- B. Make appropriate notifications per the Emergency Plan.
- C. Ensure response activities are performed as needed to stabilize the plant by clarifying priorities to all OSC personnel based upon input from the TSC, Operations Shift Manager, and/or Operations Liaison.
- D. Direct the activities of the Non-Licensed Operators (NLOs) as required by the Operations Shift Manager or TSC. This includes ensuring that the NLOs fully understand the method of feedback prior to being dispatched on a task and that adequate communication with the Control Room (radio, telephone) is established prior to performing any tasks that directly affect plant operations. An active SRO will assist in coordinating NLO Activities.
- E. Ensure adequate expertise is available to manage the emergency, including the following:
 - OPS Liaison (OPS Unit Coordinator or staff person).
 - NRC Liaison (past or current SRO).
 - Individual to direct evacuation of Operations personnel if required.
 - Assistant to OPS Unit Support Duty Person. (selected from available Operations support personnel.)

F. Notify Keowee Hydro personnel as required to:

- Update them on plant status, including existing or potential radiological or safety concerns.
- Ensure evacuation of non-essential Keowee personnel during Site Evacuation (minimum of one Keowee operator is essential).
- Relocate essential Keowee personnel to the OSC if required by radiological or safety concerns.

G. Assign an Operations person to the Unit 3 radio base station to communicate with field teams.

3.7. The Operations Shift Manager shall:

- Serve as Emergency Coordinator until relieved by the Station Manager or his designee.
- Oversee Control Room activities on the affected unit.
- Respond to the emergency in accordance with Emergency Procedures, the Emergency Plan and Emergency Plan Implementing Procedures.
- Utilize the Operations Liaison as needed for communication with the TSC and OSC to coordinate response activities.

3.8 The Operations Liaison (Unit Coordinator/Staff person) shall:

- Report to the affected unit's control room.
- Notify Duty Person of arrival and position being filled
- Provide Technical support to the Operations Shift Manager.
- Act as a liaison between the Operations Shift Manager, Technical Support Center, Operational Support Center
- Provide plant status and response actions to the Operations Interface Group at the EOF.(using "Bridge Network or EOF Liaison phone in CR area).

3.9 The NRC Liaison shall:

- Report to the TSC
- Notify OPS Unit Support Duty Person of arrival and position being filled.
- Establish constant communications with the NRC via the Emergency Notification System (ENS).
- Provide plant status and response actions to the NRC on a continuous basis.
- Coordinate communications with the Compliance Off-site Communicator.

3.10 The Ops Evacuation Coordinator shall:

Coordinate the evacuation of non-essential Ops personnel per RP/0/B/1000/10.

3.11 Response of Non-Licensed Operators:

- A. Upon activation of the OSC and the TSC, all available Non-Licensed Operators (NLOs) shall report to the designated OSC location. (Primary OSC: Unit 3 kitchen; Alternate OSC: OOB 3rd floor canteen). NLOs engaged in fire brigade response or tasks essential to mitigation of the event shall remain under the direction of the OSM and Shift Supervisors until released from these tasks, and then report to the designated OSC location as directed by the OSM.
- B. The NLOs in the OSC shall perform tasks as directed by the OPS Unit Support Duty Person. In performing these tasks, the NLOs shall:
- Inform the OPS OSC representative if the NLO is not qualified to perform an assigned task. At the discretion of the OPS OSC representative, the NLO may still be requested to perform the task.
 - Shall establish adequate communications with the Control Room prior to performing any tasks that will directly affect plant operations.
 - Immediately report the completion of tasks to the Control Room and OPS OSC representative.

4.0 Qualifications

4.1 OPS Superintendent Duty Person

- Current or former RO or SRO license holder at ONS
- ERO qualified per Emergency Response Organization training

4.2 OPS Procedural Support Duty Person

- Current or former RO or SRO license holder at ONS
- ERO qualified per Emergency Response Organization training

4.3 OPS Unit Support Duty Person

- Current or former RO or SRO license holder at ONS
- ERO qualified per Emergency Response Organization training

4.4 NRC Liaison

- Current or former SRO license holder at ONS
- ERO qualified per Emergency Response Organization training

4.5 Operations Liaison

- Current or former SRO License holder at ONS
- ERO qualified per Emergency Response Organization Training

5.0 ERO Positions

5.1 ERO positions should be staffed by designated personnel as follows:

| <u>ERO Positions:</u> | <u>Emergency</u> | <u>(Drill)</u> |
|--|------------------|----------------|
| OPS Superintendent Duty person | TSC | (TSC) |
| OPS Procedural Support Duty person | TSC | (TSC) |
| OPS Liaison (Unit Coordinator/Staff Person) | Control Rm | (Simulator) |
| Control Rm Communicator | N/A | (Control Rm) |
| OPS Unit Support Duty person | OSC | (OSC) |
| Assistant to OPS Support Duty person | OSC | (OSC) |
| OSC SRO | OSC | (OSC) |
| OSM | Control Rm | (TSC/Sim) |

5.2 Communications Equipment designations:

A. Radio telephone headsets should be available as follows:

- 3 in TSC
- 3 in OSC
- 2 at Simulator for drills

5.3 Distribution of the headsets is recommended as follows:

TSC:

- OPS Superintendent Duty Person
- OSM or OPS Procedure Support Duty Person
- OPS Liaison (Unit Coordinator/Staff Person): 1&2 CR

OSC:

- OPS Unit Support Duty Person
- OPS SRO (NLO Coordination)
- Spare for OSM or OPS Staff member for Unit 3 event.

Simulator (Drills):

- OPS Liason (Unit Coordinator/Staff Person)
- OSM

6.0 Communication and Notifications

6.1 Notifications:

- A. Notifications must be made as described in Section 3.0 of this procedure.
- B. The lines of communications as shown in Enclosure 7.1 will be utilized to ensure corrective actions are organized and effectively communicated.

- C. Once the OSC is fully staffed, the Operations Shift Manager shall relay all requests for NLO manpower to the Operations OSC representative via the Operations Liaison.
- D. Prior to evacuation of the Oconee Nuclear Site, the OPS Unit Support Duty Person shall make arrangements for 24 hour staffing of the Operations Emergency Response Organization.
- E. All activities initiated by the TSC or OSC shall be reported to the OSM by the OPS Liaison.
- F. Three point communication between the OPS Unit Support Duty Person (OSC), OPS Support Duty Person (TSC), and OPS Liaison (control room) shall be maintained to allow:
 - Job requests to be received and organized.
 - Priorities to be established.
 - Feedback from the OSC to the TSC and control room(s).
 - Discussion and the exchange of information/ideas between the three locations.

6.2 Communications Standards:

- A. All ERO communications must comply with the communications standards defined in OMP 1-18 (Communications and EOP Implementation Standard).
- B. OMP 2-13 (Weekly Check of Emergency Communications Equipment) describes the process for setup and usage of emergency communications equipment.
- C. Communications Priorities:
 - Requests from the OPS liaison for plant manipulations and direction of these activities by the OPS Superintendent must be given priority for use of the emergency communications system.
 - All other transmissions made to gather or disseminate information must be minimized and consideration given to the importance of the transmission.
 - The OPS Liaison and/or the OPS Superintendent should ensure that proper communications practices are followed and should give periodic updates on plant status and evolutions in progress to ensure that all those people in the emergency communications system loop understand and agree on current conditions.
 - Frequent status updates coupled with proper communications protocol should allow the entire team to stay abreast of plant conditions and evolutions without the need for excessive or redundant radio traffic.

D. Communications protocol should be followed as indicated below:

- Use the "Push to talk" mode to prevent continuous background noise from interfering with other transmissions.
- State the position to be contacted: The person's name may be used, but the position should also be used so that anyone listening from other positions will know the source and destination of all messages).
- State your own position
- Wait for acknowledgment
- Transmit message

Example:

OSC: "Simulator SRO, this is the OSC Duty Man. (wait for response); I need clarification on the status of the SSF RC Makeup pump."

SIM: "OSC Duty Man, this is the Simulator SRO (wait for response). The SSF RC Makeup pump has been secured and RCP seals restored using HPI."

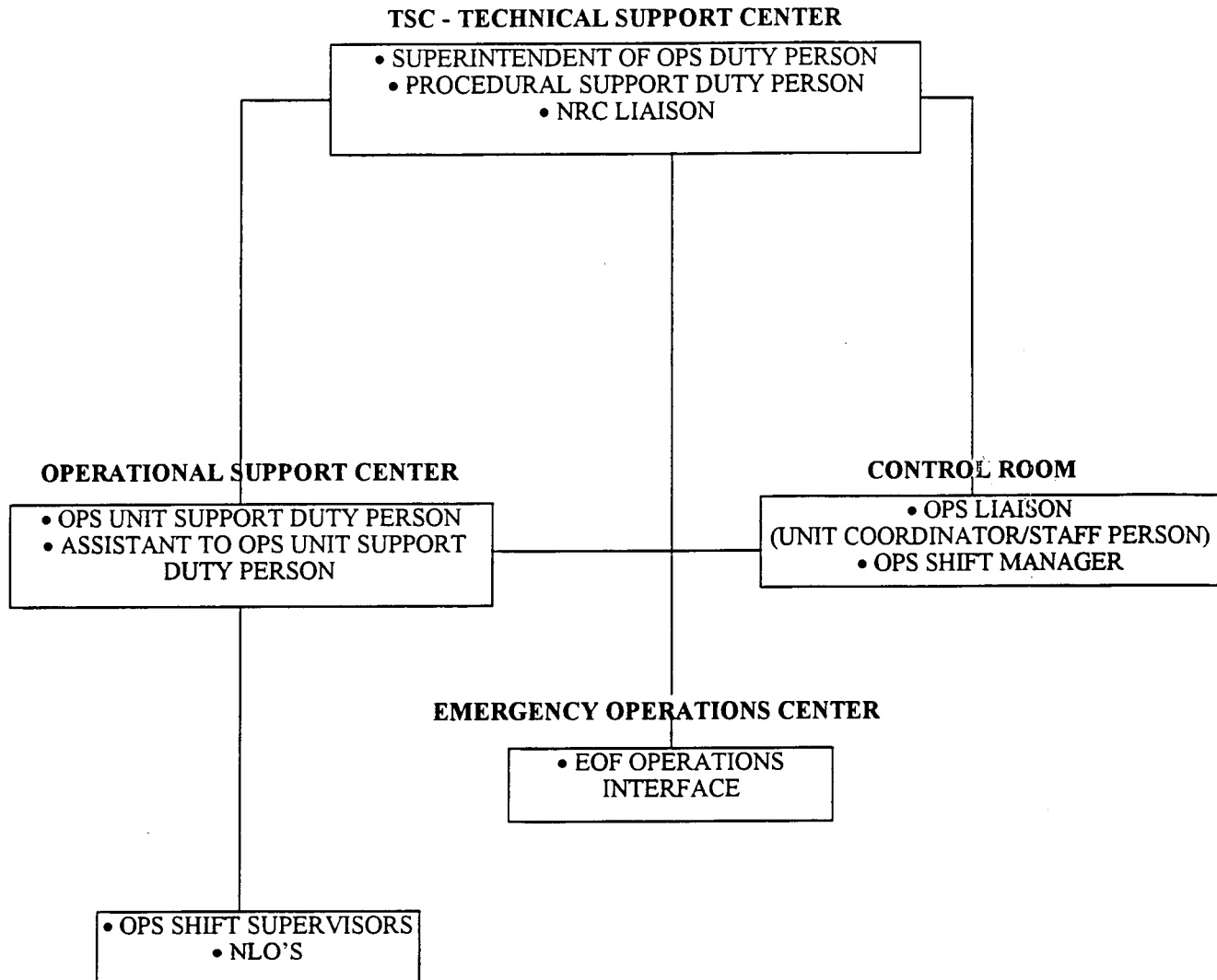
7.0 Enclosures

7.1 Organizational Chart

OMP 1-7

ENCLOSURE 7.1

OPERATIONS EMERGENCY RESPONSE ORGANIZATION



INFORMATION ONLY

Safety Services Emergency Response Procedure 2.1

Approval Tom Kelley

Date 5/5/97

Revised Date _____

EP Review WBS 4/30/97

OCONEE NUCLEAR SITE

SAFETY SERVICES

EMERGENCY RESPONSE PROCEDURE

1.0 Purpose

The purpose of this procedure is to provide coordination and interface with the ONS Emergency Plan, HR Emergency Plan, RP/0/B/1000/16 (Medical Response) and applicable sections of the DPC Safety and Industrial Hygiene Compliance Manual. It is used to delineate the role of Safety in support of these plans. Upon revision, a control copy of this procedure must be forwarded to Emergency Planning within 3 working days of its approval.

2.0 References

- ONS Emergency Plan
- Human Resources Emergency Plan
- RP/0/B/1000/16, Medical Response
- Safety and Industrial Hygiene Compliance Manual
- DPC Safe Work Practices Manual

3.0 Applicability

This procedure applies to the ONS Safety Team.

4.0 Description

This procedure describes the actions to be taken by the personnel of the Safety Section in response to certain emergency conditions including: Site Emergency Plan implementation (site assembly, TSC/OSC activation), fires, medical emergencies, chemical spills, asbestos releases, etc.

5.0 Procedure

5.1

Unusual Event

5.1.1

The Human Resources Manager or designee will notify the Safety Manager or Safety duty person of the event and the circumstances.

5.1.2

The Safety Manager or designee will inform the Safety staff and determine appropriate response.

5.2

Site Assembly/Alert, Site Area Emergency, General Emergency (Actuation of Emergency Response Organization)

5.2.1

Normal Duty Hours

- (A) All Safety personnel shall assemble in the Safety Office area. If unable to assemble within 10 minutes, attempt to contact the Safety Office by telephone or radio and report location and status. The alternate assembly location for the Safety personnel shall be the Medical Clinic.
- (B) Accountability of all Safety personnel shall be made within 15 minutes to the designated site assembly contacts at extension 3004 (Teresa Stewart) or 3366 (Donna Hellams). This call must be made within the designated time frame by the senior person at the assembly point and should include the names of any personnel who have not reported.
- (C) One Safety Team member (duty person) shall report to the OSC (see 5.2.3). Other personnel shall return to work, remain at their assembly point, or may be instructed to evacuate the site. Consideration should be given for establishing 24 hour OSC coverage.

5.2.2

Back Shift, holidays, weekends

- (A) If on site, report accountability directly to the Security Shift Supervisor at extension 2309, 2359, or 2134. Report to the OSC (See 5.2.3).

- (B) The Safety Duty Person is notified by the pager system and responds to the OSC within 90 minutes.

5.2.3

Duties of Safety Personnel in the OSC.

- (A) Enter the OSC through the appropriate door, after frisking.
(B) Upon arrival report to the OSC Coordinator, Ops Liaison, and Maintenance Manager.
This is to alert them to your presence.
(C) Remain aware of plant emergency action level(s) and general radiological conditions.
(D) The OSC Safety member will provide safety/IH coverage, as needed, for recovery efforts including:

- non radiological respirator clearance
- confined space entry
- work area monitoring after fire, chemical release, asbestos release, etc.
- heat stress precautions/evaluations
- chemical hazard information
- personnel monitoring
- prejob briefings

5.3

Medical Emergencies

5.3.1

The MERT responds to all medical emergencies per site procedure RP/0/B/1000/16, Medical Response.

5.3.2

Safety shall respond to the scene, if qualified, or provide support functions to MERT Command.

5.3.3

Safety Team Member shall make appropriate notifications per RP/0/B/1000/16 and Safety and IH Compliance Manual, Processes and Interpretations.

5.4

Fire Brigade Response

5.4.1

The ONS Fire Brigade responds to reported fires per the ONS Fire Plan.

5.4.2

Safety personnel will respond as FB Members, if qualified, or provide support functions upon FB Command requests.

NOTE: All personnel operating within the hazard area shall use appropriate protective equipment.

5.5

Hazardous Materials Emergencies

5.5.1

Response to releases of hazardous substances are handled in accordance with RP/0/B/1000/17.

5.5.2

If requested, Safety personnel will respond to the scene with appropriate monitoring equipment. For spill recovery efforts appropriate Safety personnel will provide technical information, personal protection recommendations and other needed assistance. All other Safety personnel should resume normal duties.

5.6

Asbestos Fiber Release Episodes

5.6.1

Safety personnel will respond to fiber release episodes with appropriate monitoring equipment. Technical information, personal protection recommendation and other assistance will be provided, as needed.