

VOL. 14

FNP-0-EIP-28
October 20, 1982
Revision 1

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-28

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RECOVERY - TSC

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Approved:

W. J. Hunt
Plant Manager

Date Issued: 12-9-82

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RECOVERY - TSC

1.0 Purpose

This procedure delineates the actions to be taken to restore the plant and site to its preemergency status as a result of an emergency requiring the activation of the TSC.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 Title 10, Code of Federal Regulations, Part 20

3.0 General

- 3.1 Due to the unforeseeable conditions that would exist in an emergency condition, specific recovery criteria and procedures will be developed when required, considering maximum protection for plant personnel and the general public consistent with reasonable efforts to restore the affected unit and continuing operation of the unaffected unit.
- 3.2 Personnel exposure to radiation should be kept within 10CFR20 limits.

4.0 Procedure

- 4.1 As a prerequisite for planning recovery actions, damages, and radiological conditions in the affected area(s) must be assessed.
- 4.2 The Plant Manager with the aid of the plant organization shall develop specific recovery procedures considering such activities as: repair, decontamination, disposal, test and startup of restored facilities.
- 4.2 The company emergency organization shall be available to provide administrative, technical and logistical support to the plant emergency organization. The following support is available.
 - 4.3.1 Logistics
The Administrative Support Supervisor will locate and procure supplies, tools, machinery and vehicles.

4.3.2 Manpower

The Administrative Support Supervisor will locate and provide company and outside sources of maintenance, instrument and labor personnel. The Engineering Supervisor will also make arrangements for technical support.

4.3.3 Health Physics

The Recovery Support Supervisor will provide assistance in the areas of environmental monitoring and radiation protection.

4.3.4 Medical

The Medical Advisor will provide assistance in handling casualties.

4.3.5 Legal

The Legal Advisor will provide advice on all legal matters concerning the emergency.

4.3.6 Licensing Issues

The Licensing Supervisor will coordinate resolution of regulatory matters and licensing issues.

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October 21, 1982
Revision 5

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE

FNP-0-EIP-26

OFFSITE NOTIFICATION

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Approved:

W. S. Hunt
Plant Manager

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OFFSITE NOTIFICATION

1.0 Purpose

The purpose of this procedure is to outline the responsibilities of plant officials in notifying offsite authorities concerning various events at Farley Nuclear Plant.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP-0-EIP-2 Duties of the Shift Supervisor
- 2.3 FNP-0-EIP-3 Duties of the Emergency Director
- 2.4 FNP-0-EIP-8 Notification Roster
- 2.5 FNP-0-EIP-11 Handling of Injured Personnel
- 2.6 FNP-0-EIP-12 Alert
- 2.7 FNP-0-EIP-13 Fire Emergencies
- 2.8 FNP-0-EIP-17 Notification of Unusual Event
- 2.9 FNP-0-EIP-18 Site Area Emergency
- 2.10 FNP-0-EIP-19 General Emergency
- 2.11 10CFR50.72
- 2.12 FNP-0-AP-60 Oil Spill Prevention Control and Countermeasure Plan

3.0 General

In the event of certain occurrences at Farley Nuclear Plant, several offsite authorities must be notified. It is the responsibility of plant officials to make the notification to the appropriate authorities. The plant officials responsible for official notifications are:

- 3.1 Shift Supervisor
- 3.2 Emergency Director
- 3.3 Security Supervisor

NOTE: As a general rule, notification of offsite support groups will be at the Emergency Director's discretion.

NOTE: Appendices A and B, Upper Management Reporting and NRC Prompt Notification Requirements respectively, are included to summarize the notification requirements of APCo Management Procedures and 10CFR Part 50 Section 50.72, respectively. All the events requiring notifications in the appendices are also included in sections 5.1 through 5.10.

NOTE: The attached checklist (Figure 1) may be used for guidance in making reports to the NRC Operations Center. It is not intended that the checklist be completed prior to, or as a condition of, making a notification. Instead, the list is intended to describe the types of information about events that have been useful to the NRC.

4.0 Notification Means

- 4.1 The NRC regional office shall preferably be contacted by use of the NRC Ring Down Communication Line (Red Phone) for notifications required within one hour of the occurrence of the event. If the Red Phone is not functional, notify the NRC regional office by commercial telephone number (202)951-0550 or use FNP-0-EIP-8 to obtain appropriate telephone numbers.
- 4.2 The Alabama Division of Radiological Health shall be notified by commercial telephone service using FNP-0-EIP-8 to obtain appropriate telephone numbers. The Emergency Notification Network shall be used for initial notification only in the event of a General Emergency. The ENN may be used by offsite authorities to authenticate notifications. It may be used for subsequent transmission of information after the initial notification has been accomplished.
- 4.3 Necessary telephone numbers for offsite agencies, support groups, and plant employees are contained in FNP-0-EIP-8 and in the Plant Call List which is attached to EIP-8.

5.0 Notification Requirements of Abnormal Occurrences

<u>Occurrence</u>	<u>Para. No.</u>
Alert EIP-12	5.3

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Environmental Incident	5.8.10, 5.12
Events Causing Media Interest	5.9.3
Fire Emergency EIP-13	5.4
General Emergency EIP-19	5.7
Licensed Material Incident	5.8.9
Loss of Red Phone Operability	5.1
Nonlicensed Material Incident	5.8.8
Notification of Unusual Event EIP-17	5.5
Personnel Emergency EIP-11	5.2
Personnel Error or Procedural Inadequacy Causing a Compromise of a Safety Function	5.8.3
Radiation Contamination	5.8.6
Radiation Release, Accidental	5.8.5
Reactor Trip or Safety Injection	5.8.4
Security Related Incidents	5.10
Site Area Emergency EIP-18	5.6
Strikes by Employees	5.8.7
Technical Specifications, Event Causing Shutdown	5.8.2 and 5.9.1
Technical Specifications, Exceeding Safety Limit	5.8.1
Technical Specifications, Prompt Reporting	5.8.11
Unscheduled Shutdowns or Power Reductions	5.9.2
Other Events of Possible Concern To Upper Management	5.9.4
5.1 Loss of NRC Ring-Down Communication Line (Red Phone)	
Upon loss of the NRC Ring-Down Communication Line (red phone), the Shift Supervisor shall immediately notify the NRC by commercial telephone number (202)951-0550 or relayed message.	

5.2 Notification Requirements for a Handling of Injured Personnel Emergency (EIP-11)

5.2.1 The Shift Supervisor shall notify:

- *5.2.1.1 an ambulance service and CSC to escort the ambulance.
- 5.2.1.2 the Southeast Alabama Medical Center (SAMC)
- 5.2.1.3 an Alabama Power Company Doctor
- 5.2.1.4 the Emergency Director

5.2.2 The Emergency Director shall notify:

- 5.2.2.1 the Emergency Coordinator
- 5.2.2.2 the Alabama Division of Radiological Health if a radiation casualty is transported to an offsite medical facility.
- 5.2.2.3 the NRC, if the injury in the judgement of the licensee representative will require admission of the injured individual to a hospital for treatment or observation for an extended period of time (greater than 48 hours). Injuries that only require treatment and/or medical observation at a hospital or offsite medical facility, but do not meet the conditions specified above, are not required to be reported.
- *5.2.2.4 Medical Transportation units for possible transfer of personnel to the RCTF or ORAU

*Shall be notified as deemed necessary.

*5.2.2.5 the Oak Ridge Associated
Universities (ORAU)

5.3 Notification Requirements for an Alert (EIP-12)

5.3.1 The Shift Supervisor shall notify:

5.3.1.1 the Central Security Control

5.3.1.2 the Emergency Director

5.3.2 The Emergency Director shall notify:

5.3.2.1 The necessary portions of the
plant emergency organization
by providing instructions for
the Administrative Aide.

5.3.2.2 The Emergency Coordinator

5.3.2.3 The NRC

5.3.2.4 The State of Alabama

*5.3.3 Security shall notify the EOD at Fort
Rucker if decided necessary by the
Emergency Director.

5.4 Notification Requirements for a Fire Emergency
(EIP-13)

5.4.1 The Shift Supervisor shall notify:

*5.4.1.1 the Dothan Fire Department
(DFD)

a. Place call to DFD
and hang up.

b. Wait for DFD to
return call.

c. Summon DFD, if
needed.

*Shall be notified as deemed necessary

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- 5.4.1.2 the Emergency Director
- 5.4.1.3 the Plant Fire Marshal
- 5.4.1.4 if outside agencies are called
in for assistance, notify
Central Security Control.
- 5.4.2 The Emergency Director shall notify:
 - 5.4.2.1 the Administrative Aide
 - 5.4.2.2 the Emergency Coordinator
 - 5.4.2.3 the NRC
 - 5.4.2.4 the State of Alabama
- 5.5 Notification Requirements for a Notification of
Unusual Event (EIP-17).
 - 5.5.1 The Shift Supervisor shall notify:
 - 5.5.1.1 Central Security Control if
the emergency involves plant
security threats
 - 5.5.1.2 the Emergency Director
 - 5.5.2 The Emergency Director shall notify:
 - 5.5.2.1 The necessary portions of the
plant emergency organization
by providing instructions for
the Administrative Aide.
 - 5.5.2.2 the Emergency Coordinator
 - 5.5.2.3 the NRC

5.6 Notification Requirements for a Site Area Emergency (EIP-18)

5.6.1 The Shift Supervisor shall notify:

5.6.1.1 Central Security Control if the emergency involves plant security threats

5.6.1.2 the Emergency Director

5.6.2 The Emergency Director shall notify:

5.6.2.1 the necessary portions of the plant emergency organization by providing instructions for the Administrative Aide

5.6.2.2 the Emergency Coordinator

5.6.2.3 The NRC

5.6.2.4 The State of Alabama

*5.6.2.5 the Savannah River Operations Office (SROO) through the State of Alabama if their assistance is needed to protect the health and safety of the public.

*5.6.3 Security shall notify the EOD at Fort Rucker if decided necessary by the Emergency Director.

5.7 Notification Requirements for a General Emergency (EIP-19)

5.7.1 The Shift Supervisor shall notify:

5.7.1.1 the Emergency Director

5.7.1.2 if the Emergency Director is not immediately available and the dose estimate from EIP-9 meets the criteria of section 3.2.1 of EIP-19, notify:

*Shall be notified as deemed necessary

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5.7.1.2.1 the State of Alabama

5.7.1.2.2 local offsite governmental agencies

5.7.1.3 Central Security Control if the emergency involves loss of plant security.

5.7.2 The Emergency Director shall notify:

5.7.2.1 the necessary portions of the plant emergency organization by providing instructions for the Administrative Aide

5.7.2.2 the Emergency Coordinator

5.7.2.3 the NRC

5.7.2.4 the State of Alabama

5.7.2.5 the Savannah River Operations Office (SROO) if their assistance is needed to protect the health and safety of the public

5.8 The NRC Operations Center and the Emergency Coordinator shall be contacted by the Shift Supervisor or the Emergency Director as soon as possible and in all cases within one hour by telephone of the occurrence of any of the following significant events and shall identify that event as being reported pursuant to section 10CFR50.72:

5.8.1 The exceeding of any Technical Specification Safety limit. In addition, an open and continuous channel shall be established and maintained with the NRC Operations Center and shall be closed only when notified by the NRC. This notification shall be confirmed by telegraph, mailgram, or facsimile transmission in accordance with section 6.9 of the Technical Specifications.

- 5.8.2 Any event requiring initiation of shutdown of the nuclear power plant in accordance with Technical Specification Limiting Conditions for Operation.
- 5.8.3 Personnel error or procedural inadequacy which, during normal operations, anticipated operational occurrences, or accident conditions, prevents or could prevent, by itself, the fulfillment of the safety function of those structures, systems, and components important to safety that are needed to (i) shutdown the reactor safely and maintain it in a safe shutdown condition, or (ii) remove residual heat following reactor shutdown, or (iii) limit the release of radioactive material to acceptable levels or reduce the potential for such release.
- 5.8.4 Any event resulting in manual or automatic actuation of Engineered Safety Features, including the Reactor Protection System (Reactor Trip or Safety Injection). Actuation of Engineered Safety Features including the Reactor Protection System which result from and are part of the planned sequence during surveillance testing does not constitute an event reportable under this item.
- 5.8.5 Any accidental, unplanned, or uncontrolled radioactive release. (Normal or expected releases from maintenance or other operational activities are not included.) This notification shall be confirmed by telegraph, mailgram, or facsimile transmission in accordance with section 6.9 of the Technical Specifications.
- 5.8.6 Any serious personnel radioactive contamination requiring extensive onsite decontamination or outside assistance. This notification shall be confirmed by telegraph, mailgram, or facsimile transmission in accordance with section 6.9 of the Technical Specifications.
- 5.8.7 Strikes of operating employees or security guards, or honoring of picket lines by these employees.

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5.8.8 Any incident involving byproduct, source, or special nuclear material possessed by him and which may have caused or threatens to cause:

- (a) Exposure of the whole body of any individual to 25 rems or more of radiation; exposure of the skin of the whole body of any individual of 150 rems or more of radiation; or exposure of the feet, ankles, hands or forearms of any individual to 375 rems or more of radiation; or
- (b) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 5,000 times the limits specified for such materials in 10CFR20 Appendix B, Table II; or
- (c) A loss of one working week or more of the operation of any facilities affected; or
- (d) Damage to property in excess of \$200,000.

5.8.9 Any incident involving licensed material possessed by him and which may have caused or threatens to cause:

- (a) Exposure of the whole body of any individual to 5 rems or more of radiation; exposure of the skin of the whole body of any individual to 30 rems or more of radiation; or exposure of the feet, ankles, hands, or forearms to 75 rems or more of radiation; or
- (b) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 500 times the limits specified for such materials in 10CFR20 Appendix B, Table II; or
- (c) A loss of one day or more of the operation of any facilities affected; or
- (d) Damage to property in excess of \$2,000.

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5.8.10 Any event that results in the nuclear power plant not being in a controlled or expected condition while operating or shutdown. This notification shall be confirmed by telegraph, mailgram, or facsimile transmission in accordance with section 6.9 of the Technical Specifications.

5.9 Additional Emergency Coordinator Notifications

To insure that the appropriate company upper management positions receive timely reports concerning unusual significant events, the guidelines listed below shall be used.

The Shift Supervisor (unless specifically relieved of such responsibility on an event-by-event basis by the Plant Manager or his alternate who is designated at the time as the on-call Emergency Director) shall verbally report the following events to the on-call Emergency Coordinator:

- 5.9.1 "Limiting conditions of operations" (LCO's) as contained in the Technical Specifications that could require unit shutdowns within the next twelve (12) hours.
- 5.9.2 Unscheduled shutdowns or power reductions to below 30%.
- 5.9.3 Events of high public or news media interest.
- 5.9.4 Other events that are not exactly specified above but which are considered at the time of their occurrence to be of possible concern to upper management.

5.10 Notification requirements for all the security contingency events are given in Table I.

5.11 The Director of the NRC Regional Office shall be notified within 24 hours, by commercial telephone, confirmed by telegraph, mailgram, or facsimile transmission, upon occurrence of any event listed below:

- 5.11.1 Failure of the reactor protection system or other systems subject to limiting safety system settings to initiate the required protective function by the time a monitored parameter reaches the setpoint

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specified as the limiting safety system setting in the technical specifications or failure to complete the required protective function.

- 5.11.2 Abnormal degradation discovered in fuel cladding, reactor coolant pressure boundary, or primary containment.
 - 5.11.3 Failure or malfunction of one or more components which prevents or could prevent, by itself, the fulfillment of the functional requirements of system(s) used to cope with accidents analyzed in the SAR.
 - 5.11.4 Errors discovered in the transient or accident analyses or in the methods used for such analyses as described in the safety analysis report or in the bases for the technical specification that have or could have permitted reactor operation in a manner less conservative than assumed in the analyses.
 - 5.11.5 Performance of structures, systems, or components, that requires remedial action or corrective measures to prevent operation in a manner less conservative than assumed in the accident analyses in the safety analysis report or technical specifications bases; or discovery during plant life of conditions not specifically considered in the safety analysis report or technical specifications that require remedial action or corrective measures to prevent the existence or development of an unsafe condition.
- 5.12 The Director of the NRC Regional Office shall be notified within 24 hours, by commercial telephone, in the event that an unusual or important event occurs that causes a significant environmental impact from plant(s) operation, or that has high public or potential public interest concerning environmental impact from plant(s) operation.

NOTE: A written followup report to the NRC is due within 10 days of the event.

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TABLE I

NOTIFICATION REQUIREMENTS FOR INDIVIDUALS DURING SECURITY CONTINGENCY EVENTS

NOTE: Any security related act or occurrence that threatens the safety of the FNP site personnel, or the security of special nuclear material shall be reported to the USNRC Operations Center immediately and, in all cases, within one hour by telephone, of the event occurrence. The term "Security Related" used herein refers to an event or incident that is perpetrated or caused by an unauthorized or authorized individual with intent or premeditated design to perpetrate or facilitate an act of sabotage. In all such cases, the event occurrence must be reported to the USNRC immediately. Conversely, an event occurrence caused by a plant employee or authorized person simply failing to comply with security procedures, e.g. failing to notify security prior to entering or exiting an alarmed security door, failure to properly lock a security door, minor mechanical or electrical failure of security systems, or an internal disturbance such that it has no adverse effect on vital plant systems or the safe operation of the plant, is not per se a reportable occurrence, and will be handled administratively with a Plant Security Incident Report. Significant Contingency Plan events that require reporting to the USNRC are summarized below:

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
1	Bomb Threat	Notify E.D. and Security Foreman	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour.	
2	Attack Threat	Notify E.D. and Security Foreman	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour.	
3	Civil Disturbance	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if security related or could adversely	

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
			affect plant security. Request LLEA notification if needed.	
4	Perimeter Intrusion Alarm Annunciates in CAS	Notify E.D. if security related	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if event is security related.	
5	Visual Observation of Unidentified Person at or within Protected Area	Notify E.D. if security related	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if event is security related and individual is unauthorized.	
6	Discovery of Breach of Protected Area Barrier	Notify E.D. if equip. found damaged or disturbed or is security related	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if event is security related.	
7	Confirmed Protected Area Intrusion	Notify E.D.	a. Request LLEA notification if needed b. Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if intrusion	

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
			is by an unauthorized individual or an obvious attempt to sabotage.	
8	Vital Area Intrusion Alarm	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if intrusion is by an unauthorized individual or an obvious attempt to sabotage.		
9	Visual observation of unidentified or unauthorized person entering or within Vital Area	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if individual is unauthorized, intruder, or saboteur.	
10	Vital Area Found Unlocked and Unattended or Vital Area found breached	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if investigation discloses event is security related and was not a result of authorized person failing to comply with security procedures.	
11	Member of Security Force fails to perform duty	Notify NRC Operations Center via the Emergency Notification		

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
		System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if event is security related, or caused by an adversary and degraded the plant security posture.		
12	Suspected Bomb or Sabotage Device Discovered	Notify E.D. if confirmed	<ul style="list-style-type: none"> a. Evaluate need for E.O.D. notification b. Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour. 	
13	Fire, Explosion or other catastrophe	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if event is significant, or security related.	
14	Internal Disturbance	Notify E.D. if vital equip. could be affected	<ul style="list-style-type: none"> a. Evaluate need for LLEA notification b. Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if disturbance is determined to be uncontrollable, if it affects vital equipment, or is security related. 	

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
15	Multiple Loss of On-Site Communication Systems	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if event is security related and resulted in a degradation of plant security.		
16	Multiple Loss of Off-Site Communication System	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour - if cause is related to hostile or sabotage activities.	
17	Obvious Attempt to Sabotage or Confirmed Intrusion into Vital Areas in Progress	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour.	
18	Sabotage device rendered inoperable, tampered or deranged. Equip. Restored. Intruder/Saboteur captured or escaped	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative - immediately and in all cases within one hour.	
19	Security Emergency	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative -	

EVENT NO.	DESCRIPTION	SHIFT SUPERVISOR	EMERGENCY DIRECTOR (E.D.)	SECURITY SUPERVISOR
			immediately and in all cases within one hour. Request notification to LLEA and Corporate Security.	
20	Security Alert	Notify E.D.	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour - if event escalates to the point that a clear or imminent threat or danger to the plant is evident.	
21	Hostage Situations/Duress Code	a. Notify E.D. b. Notify LLEA	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour.	
22	Extortion Situation		Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative- immediately and in all cases within one hour.	CORPORATE SECURITY MANAGER a. Notify corporate management b. Notify E.D. c. Notify FBI or LLEA
23	Loss or Degradation of the Intrusion Detection or Alarm Annunciation Systems			SECURITY SUPERVISOR If cause of system outage is major or security related, notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is

EVENT NO.	DESCRIPTION	SHIFT SUPERVISOR	EMERGENCY DIRECTOR (E.D.)	SECURITY SUPERVISOR
24	Compromise or degradation of Electrical/Mechanical Access Control Device or Systems			<p>inoperative-immediately and in all cases within one hour.</p> <p>If cause of system outage is major or security related, notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative-immediately and in all cases within one hour.</p>
25	Compromise or degradation of tamper alarm on protected or vital area intrusion	<p>Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative-immediately and in all cases within one hour - if event is security related.</p>		
26	Loss of Protected Area and Barrier Lighting	<p>Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative-immediately and in all cases within one hour - if cause is major or security related.</p>		

<u>EVENT NO.</u>	<u>DESCRIPTION</u>	<u>SHIFT SUPERVISOR</u>	<u>EMERGENCY DIRECTOR (E.D.)</u>	<u>SECURITY SUPERVISOR</u>
27	Loss or Degradation of the Security System Power	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative immediately and in all cases within one hour - if cause of primary system failure is major or security related.		
28	Loss of Emergency Power	Notify NRC Operations Center via the Emergency Notification System (ENS) or commercial telephone if ENS is inoperative immediately and in all cases within one hour - if cause of emergency power system failure is major or security related.		

WRITTEN REPORT

Any event reported to the NRC Operations Center, under the provisions of this table will be followed by a written report required by 10CFR 73.71(c) to Region II with a copy to the Director of Inspection and Enforcement, USNRC, Washington, D.C., 20555, describing the event in detail. The Technical Group will be responsible for preparation of a written follow up report within 5 days of the time of the event discovery.

APPENDIX A

To insure that the appropriate company upper management positions receive timely reports concerning unusual significant events, the guidelines listed below shall be used.

The Shift Supervisor (unless specifically relieved of such responsibility on an event-by-event basis by the Plant Manager or his alternate who is designated at the time as the on-call Emergency Director) shall verbally report the following events to the on-call Emergency Coordinator:

PARAGRAPH

- | | | |
|----------------|----|---|
| See Appendix B | 1. | Any initiation of an event is outlined in Appendix B (taken from 10CFR50, paragraph 50.72). |
| 5.11 | 2. | Events in Technical Specification 6.9.1.8 requiring "prompt notification to the NRC." |
| 5.8.1 | 3. | "Limiting conditions of operations" (LCO's) as contained in the Technical Specifications that could require unit shutdowns within the next twelve (12) hours. |
| 5.9.2 | 4. | Unscheduled shutdowns or power reductions to below 30%. |
| 5.1 | 5. | Serious personnel injuries. |
| 5.9.4 | 6. | Events of high public or news media interest. |
| 5.9.4 | 7. | Other events that are not exactly specified above but which are considered at the time of their occurrence to be of possible concern to upper management. |

APPENDIX B

Subject: NRC Prompt Notification Requirement **

PARAGRAPH

- (a) Each licensee of a nuclear power reactor licensed under § 50.21 or § 50.22 shall notify the NRC Operations Center as soon as possible and in all cases within one hour by telephone of the occurrence of any of the following significant events and shall identify that event as being reported pursuant to section 50.72:
- 5.2 through 5.7 (1) Any event requiring initiation of the licensee's emergency plan or any section of that plan. Notifications under this item refer to those initiating events or conditions that place the facility in a "Notification of Unusual Event" status. An unusual event indicates a potential degradation of the level of safety of the plant.
 - 5.8.1 (2) The exceeding of any Technical Specification Safety limit.
 - 5.8.10 (3) Any event that results in the nuclear power plant not being in a controlled or expected condition while operating or shutdown.
 - 5.10 (4) Any act that threatens the safety of the nuclear power plant or site personnel, or the security of special nuclear material, including instances of sabotage or attempted sabotage.
 - 5.8.2 (5) Any event requiring initiation of shutdown of the nuclear power plant in accordance with
5.9.1 Technical Specification Limiting Conditions for Operation.
 - 5.8.3 (6) Personnel error or procedural inadequacy which, during normal operations, anticipated operational occurrences, or accident conditions, prevents or could prevent, by itself, the fulfillment of the safety function of those structures, systems, and components important to safety that are needed to (i) shutdown the reactor safely and maintain it in a safe shutdown condition, or (ii) remove residual heat following reactor shutdown, or (iii) limit the release of radioactive material to acceptable levels or reduce the potential for such release.

**NOTE: Use Figure 1 as a checklist when notifying the NRC. It contains the types of information required by the NRC. (See Section 3.0 of this procedure for further explanation).

PARAGRAPH

- 5.8.4 (7) Any event resulting in manual or automatic actuation of Engineered Safety Features, including the Reactor Protection System (Reactor Trip or Safety Injection). Actuation of Engineered Safety Features including the Reactor Protection System which result from and are part of the planned sequence during surveillance testing does not constitute an event reportable under this item.
- 5.8.5 (8) Any accidental, unplanned, or uncontrolled radioactive release. (Normal or expected releases from maintenance or other operational activities are not included.)
- 5.2 (9) Any fatality or serious injury occurring on the site and requiring transport to an offsite medical facility for treatment. Serious injury is considered to be any injury that in the judgment of the licensee representative will require admission of the injured individual to a hospital for treatment or observation for an extended period of time (greater than 48 hours). Injuries that only require treatment and/or medical observation at a hospital or offsite medical facility, but do not meet the conditions specified above, are not required to be reported.
- 5.8.6 (10) Any serious personnel radioactive contamination requiring extensive onsite decontamination or outside assistance.
- 5.8.7 (11) Strikes of operating employees or security guards, or honoring of picket lines by these employees.
- 5.8.8 (12) Any incident involving byproduct, source, or special nuclear material possessed by him and which may have caused or threatens to cause:
- (a) Exposure of the whole body of any individual to 25 rems or more of radiation; exposure of the skin of the whole body of any individual of 150 rems or more of radiation; or exposure of the feet, ankles, hands or forearms of any individual to 375 rems or more of radiation; or

- (b) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 5,000 times the limits specified for such materials in 10CFR20 Appendix B, Table II; or
- (c) A loss of one working week or more of the operation of any facilities affected; or
- (d) Damage to property in excess of \$200,000.

5.3.9

- (13) Any incident involving licensed material possessed by him and which may have caused or threatens to cause:
 - (a) Exposure of the whole body of any individual to 5 rems or more of radiation; exposure of the skin of the whole body of any individual to 30 rems or more of radiation; or exposure of the feet, ankles, hands, or forearms to 75 rems or more of radiation; or
 - (b) The release of radioactive material in concentrations which, if averaged over a period of 24 hours, would exceed 500 times the limits specified for such materials in 10CFR20 Appendix B, Table II; or
 - (c) A loss of one day or more of the operation of any facilities affected; or
 - (d) Damage to property in excess of \$2,000.
- (b) With respect to the events reported under subparagraphs (1), (2), (3), and (4) of paragraph (a), each licensee, in addition to prompt telephone notification, shall also establish and maintain an open, continuous communication channel with the NRC Operations Center, and shall close this channel only when notified by NRC.
- (c) The primary channel for telephone notification of significant events should be through the dedicated telephone line (Red Phone) established between the licensee and the NRC Operations Center. An NRC Duty Officer is available, 24 hours a day, in the NRC Operations Center. In case the licensee is unable to report a significant event over the dedicated telephone line, the licensee should contact the NRC Operations Center directly by commercial line.

FIGURE 1 -A

CHECKLIST FOR NOTIFICATION OF SIGNIFICANT EVENTS
MADE IN ACCORDANCE WITH 10 CFR 50.72

A. Identification:

Date _____ Time _____ Name of Person Making Report _____

Licensee _____ Facility Affected _____

Applicable Part of 10 CFR 50.72 _____

B. Description:

Date of Event _____ Time _____

Description of What Happened _____

C. Consequences of Event: (Complete depending on type of event)

Injuries _____ Fatalities _____

Contamination (personnel) _____ (property) _____

Overexposures (known/possible) _____

Safety Hazard (describe - actual/potential) _____

Offsite Radiation Levels _____

Integrated Dose _____ Location _____

Metarology (wind speed) _____ From (direction) _____

Weather Conditions (rain, clear, overcast, temperature) _____

Equipment/Property Damage _____

D. Cause of Event: _____

E. Licensee Actions:

Taken _____

Planned _____

Emergency Plan Activated (Yes/No) _____ Classification of Emergency¹ _____

Resident Inspector Notified (Yes/No) _____ State Notified (Yes/No) _____

Press Release Planned (Yes/No) _____ News Media Interest (Yes/No) _____

Local/National _____

F. Current Status: (Complete depending on type of event)

1. Reactor Systems Status _____

Power Level Before Event _____ After Event _____

Pressure _____ Temp. (t_{hot}) _____ (t_{cold}) _____

RCS Flow (Yes/No) _____ Pumps On (Yes/No) _____

Heat Sink: Condenser _____ Steam Atm. Dump _____

Other _____ Sample Taken (Yes/No) _____ Activity Level _____

ECCS Operating (Yes/No) _____ ECCS Operable (Yes/No) _____

ESF Actuation (Yes/No) _____

PZR or RX Level _____ Possible Fuel Damage (Yes/No) _____

S/G Levels _____ Feedwater Source/Flow _____

Containment Pressure _____ Safety Relief Valve Actuation (Yes/No) _____

Containment Water Level Indication _____

Equipment Failures _____

Normal Offsite Power Available (Yes/No) _____

Major Busses/Loads Lost _____

Safeguards Busses Power Source _____

D/G Running (Yes/No) _____ Loaded (Yes/No) _____

¹ See FNP-0-EIP-9

2. Radioactivity Release

Liquid/Gas _____ Location/Source _____
Release Rate _____ Duration _____
Stopped (Yes/No) _____ Release Monitored (Yes/No) _____
Amount of Release _____ Tech Spec. Limits _____
Radiation Levels in Plant _____ Areas Evacuated _____

3. Security/Safeguards 2

Bomb Threat: Search Conducted (Yes/No) _____ Search Results _____
Site Evacuated (Yes/No) _____
Intrusion: Insider _____ Outsider _____
Point of Intrusion _____ Extent of Intrusion _____
Apparent Purpose _____
Strike/Demonstrations: Size of Group _____
Purpose _____
Sabotage: Radiological (Yes/No) _____ Arson (Yes/No) _____
Equipment/Property _____
Extortion: Source (phone, letter, etc.) _____
Location of Letter _____
Demands _____
General: Firearms involved (Yes/No) _____ Violence (Yes/No) _____
Control of Facility Compromised or Threatened (Yes/No) _____
Stolen/Missing Material _____
Agencies Notified (FBI, State Police, Local Police, etc.) _____
Media Interest (present, anticipated) _____

VOLUME 14

FNP-0-EIP-13
September 30, 1982
Revision 7

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-13

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FIRE EMERGENCIES

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Approved:

W. A. Hunt
Plant Manager

Date Issued: 12-9-82

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FIRE EMERGENCIES

1.0 Purpose

This procedure establishes the initial and subsequent action to be taken by personnel on the plant site in the event of fire in the Controlled Area or fire which could affect operations in the Controlled Area.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan.
- 2.2 FNP-0-EIP-1, Duties of an Individual Who Discovers an Emergency Condition.
- 2.3 FNP-0-EIP-2, Duties of the Shift Supervisor.
- 2.4 FNP-0-EIP-3, Duties of the Emergency Director.
- 2.5 FNP-0-EIP-7, Security Support to the Emergency Plan.
- 2.6 FNP-0-EIP-8, Notification Roster.
- 2.7 FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies.
- 2.8 FNP-0-EIP-10, Evacuation and Personnel Accountability.
- 2.9 FNP-0-AP-37, Fire Brigade Organization.
- 2.10 FNP-0-EIP-26, Offsite Notification
- 2.11 FNP-0-EIP-12, Alert
- 2.12 FNP-0-EIP-18, Site Area Emergency

3.0 General

- 3.1 A Controlled Area evacuation will be effected by the Shift Supervisor or Emergency Director, as necessary, to protect the health and safety of personnel occupying the Controlled Area.
- 3.2 Any fire that occurs in a Radiation Controlled Area (RCA) shall be considered to involve radioactive material and monitoring by the Radiation Monitoring Team shall be required.
- 3.3 Except in unusual circumstances, the threat to life and property from fire exceeds that from radiation exposure. Radiation control should be considered, but should not be permitted to interfere with the fire fighting effort unless the radiological hazard is significant.

- 3.4 If a fire involves radioactive material or has a high potential of involving radioactive materials, appropriate clothing and equipment shall be used and monitoring shall be provided by the Radiation Monitoring Team.
- 3.5 The assembly areas for an evacuation as a result of the Plant Emergency Alarm shall be:
 - 3.5.1 As defined in EIP-10, if normal assembly areas are not affected by the fire.
 - 3.5.2 The plant road (Figure 1) inside the southern boundary of the Controlled Area shall be used, if the fire is in the Service Building.
 - 3.5.3 The Switchhouse (Figure 1) shall be used in the event that the fire has rendered the entire Controlled Area untenable.
- 3.6 Personnel accountability as a result of a local fire evacuation in the Controlled Area or as a result of a major fire evacuation shall be performed in accordance with EIP-10.
- 3.7 Notifications which could be required during a fire emergency are listed in EIP-26 and are shown in Figure 2. Telephone numbers are listed in EIP-8.
- 3.8 Fire fighting assistance may be requested, as needed, from the Dothan Fire Department (DFD), which nominally consists of:
 - 3.8.1 Manpower:
 - (a) Total personnel - 105
 - (b) Combat personnel - 91
 - (c) Paramedics - 15
 - (d) Total Companies - 5
 - (e) Companies available for assistance at Farley Nuclear Plant - 3
 - 3.8.2 Resources:
 - (a) 500 gallon pumpers - 7
 - (b) Minimum pumping capacity for 3 available companies - 2750 gpm
 - (c) Ladder/Snorkel Trucks - 1

- 3.8.3 Response time from the time a call is placed from FNP until the DFD is set up at the scene of the fire is estimated at 30 minutes.

4.0 Procedure

4.1 Initial action.

- 4.1.1 The individual discovering the fire shall:

- 4.1.1.1 Contact the control room and report the location, type and size of the fire.

- 4.1.1.2 Attempt to extinguish or isolate the fire to the best of his ability and judgement.

- 4.1.2 The plant operator shall:

- 4.1.2.1 Immediately notify the Shift Supervisor of the location, type and size of the fire.

- 4.1.2.2 In case of a significant fire, sound the Plant Emergency Alarm as necessary to ensure personnel evacuation, and to alert the fire brigade; announce the location of the fire, evacuation orders and assembly area(s) on the public address system.

- 4.1.2.3 Place the unit in a safe condition.

- 4.1.3 The Shift Supervisor shall (refer to EIP-13A, Fire Emergency Checklist):

- 4.1.3.1 Ensure the affected unit is in a safe condition and assess the scope of the fire.

- 4.1.3.2 Direct the Fire Brigade Chief in fighting the fire.

- 4.1.3.3 Direct the plant operator to ensure the affected unit is maintained in a safe condition.

- 4.1.3.4 Implement EIP-12 if the fire may potentially affect ECCS.
- 4.1.3.5 Implement EIP-18 if the fire affects ECCS.
- 4.1.3.6 Perform the notifications listed in EIP-26.
- 4.1.3.7 If time and personnel permit, dispatch a Radiation Monitoring Team to meet the outside agency at the CSC Building.
- 4.1.3.8 Continue to reassess the situation for evacuation requirements and notify personnel accordingly.
- 4.1.3.9 Account for all personnel if the Emergency Director is not present.
- 4.1.4 The Emergency Director shall (refer to EIP-13A, Fire Emergency Checklist):
 - 4.1.4.1 Activate only that portion of the emergency organization necessary to respond to the incident.
 - 4.1.4.2 Ensure that personnel accountability has been effected.
 - 4.1.4.3 Implement EIP-12 if the fire may potentially affect ECCS.
 - 4.1.4.4 Implement EIP-18 if the fire affects ECCS.
 - 4.1.4.5 Perform notifications per EIP-26.
- 4.1.5 The Fire Brigade Chief shall:
 - 4.1.5.1 Proceed to the fire. Don appropriate protective clothing and respiratory protection equipment, if necessary.
 - 4.1.5.2 Direct the fire brigade in fire fighting operations.

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4.1.6 The Fire Brigade shall:

- 4.1.6.1 Report to the locker room adjacent to the control room when the Plant Emergency Alarm sounds unless otherwise instructed by the control room.
- 4.1.6.2 Don protective clothing and respiratory equipment, if necessary.
- 4.1.6.3 Proceed to the location of the fire with all necessary fire fighting equipment.
- 4.1.6.4 Follow the instructions of the Fire Brigade Chief in extinguishing the fire.

4.1.7 The Radiation Monitoring Team shall:

- 4.1.7.1 Report to the Health Physics office adjacent to the control room when the Plant Emergency Alarm sounds unless otherwise instructed by the control room.
- 4.1.7.2 Don protective clothing and respiratory protection equipment, if necessary.
- 4.1.7.3 Accompany members of the Fire Brigade to the fire.
- 4.1.7.4 Survey the area of the fire to determine radiological hazards and supervise the use of protective clothing and equipment.
- 4.1.7.5 If the fire is in the RCA and, time and personnel permit, meet outside agencies at the CSC Building. Equip them with personnel dosimetry devices and other required items of protective equipment. Remain with the agency personnel for the duration of their stay inside the Controlled Area.

- 4.1.8 The Emergency Repair Party personnel shall:
 - 4.1.8.1 Proceed to their assembly area (maintenance shop or plant road outside of the south boundary) whenever the Plant Emergency Alarm sounds.
 - 4.1.8.2 Provide maintenance support to the Emergency Director, as required.
- 4.1.9 The APCo Production Security Force shall:
 - 4.1.9.1 Meet outside agencies at the CSC Building.
 - 4.1.9.2 If a Radiation Monitoring Team is not present:
 - 4.1.9.2.1 Issue appropriate personnel dosimetry devices and protective equipment to outside agency personnel.
 - 4.1.9.2.2 Lead agency personnel to the emergency.
 - 4.1.9.3 Provide personnel accountability information to plant supervisors or the control room.
- 4.1.10 The Dothan Fire Department shall:
 - 4.1.10.1 Proceed to the CSC Building.
 - 4.1.10.2 Obtain personnel dosimetry devices and protective equipment at the CSC Building as directed by the Radiation Monitoring Team or security guard.
 - 4.1.10.3 Proceed as directed by the Radiation Monitoring Team or security guard to the location of the fire.
 - 4.1.10.4 Follow instructions of the Fire Brigade Chief and of the Radiation Monitoring Team.

4.2 Subsequent action.

*4.2.1 The Dothan Fire Department shall:

- 4.2.1.1 Be monitored (both personnel and equipment) and be decontaminated, if necessary, by the Radiation Monitoring Team upon leaving the RCA. Vehicles shall be monitored prior to release from Protected Area.
- 4.2.1.2 Return personnel dosimetry devices and any APCo equipment which was issued, prior to being released from the Protected Area.
- 4.2.1.3 Provide to the Radiation Monitoring Team the names and social security numbers of all personnel who entered the Protected Area.

*4.2.2 The Radiation Monitoring Team shall:

- 4.2.2.1 Continue monitoring area and personnel, if necessary.
- 4.2.2.2 Decontaminate all personnel and equipment upon leaving the RCA, as necessary.
- 4.2.2.3 Survey all off-site personnel, equipment and vehicles prior to releasing them from the Protected Area.
- 4.2.2.4 Ensure the return of all APCo equipment issued to outside agencies (protective clothing, dosimeters, etc).
- 4.2.2.5 Obtain the name and social security number of each off-site individual who entered the Protected Area and correlate the information with the appropriate personnel dosimetry device.

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- 4.2.3 The APCo Fire Marshal shall:
 - 4.2.3.1 Investigate the cause of the fire and the extent of damage.
 - 4.2.3.2 Report findings to the Emergency Director.
 - 4.2.3.3 Supervise recharging or replacing of all firefighting equipment and supplies.
- 4.2.4 The Emergency Director shall:
 - Be guided by the following procedures:
 - FNP-0-EIP-3, Duties of the Emergency Director
 - FNP-0-EIP-8, Notification Roster
 - FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies
 - FNP-0-EIP-12, Alert (if applicable)
 - FNP-0-EIP-18, Site Area Emergency (if applicable)
 - FNP-0-EIP-26, Offsite Notification

*Implemented if the fire involves a radiation hazard.

FIRE EMERGENCY CHECKLIST

Initials

I. Shift Supervisor

- A. Ensure affected unit is in safe condition and assess fire. _____
- B. Direct Fire Brigade Chief in fighting the fire. _____
- C. Ensure affected unit is maintained in a safe condition. _____
- D. Implement EIP-12, if applicable _____
- E. Implement EIP-18, if applicable _____
- F. Perform the notification listed in EIP-26 _____
- G. Alert CSC if assistance from outside agencies is required. _____
- *H. Dispatch Radiation Monitoring Team, if available, to meet outside agency. _____
- I. Reassess situation for evacuation requirements. _____
- J. Initiate personnel accountability (EIP-10). _____

II. Emergency Director

- A. Activate necessary elements of emergency organization to respond to incident. _____
- B. Ensure personnel accountability (EIP-10). _____
- C. Implement EIP-12, if applicable _____
- D. Implement EIP-18, if applicable _____
- E. Perform notifications per EIP-26 _____

*Implemented if fire involves a radiation hazard.

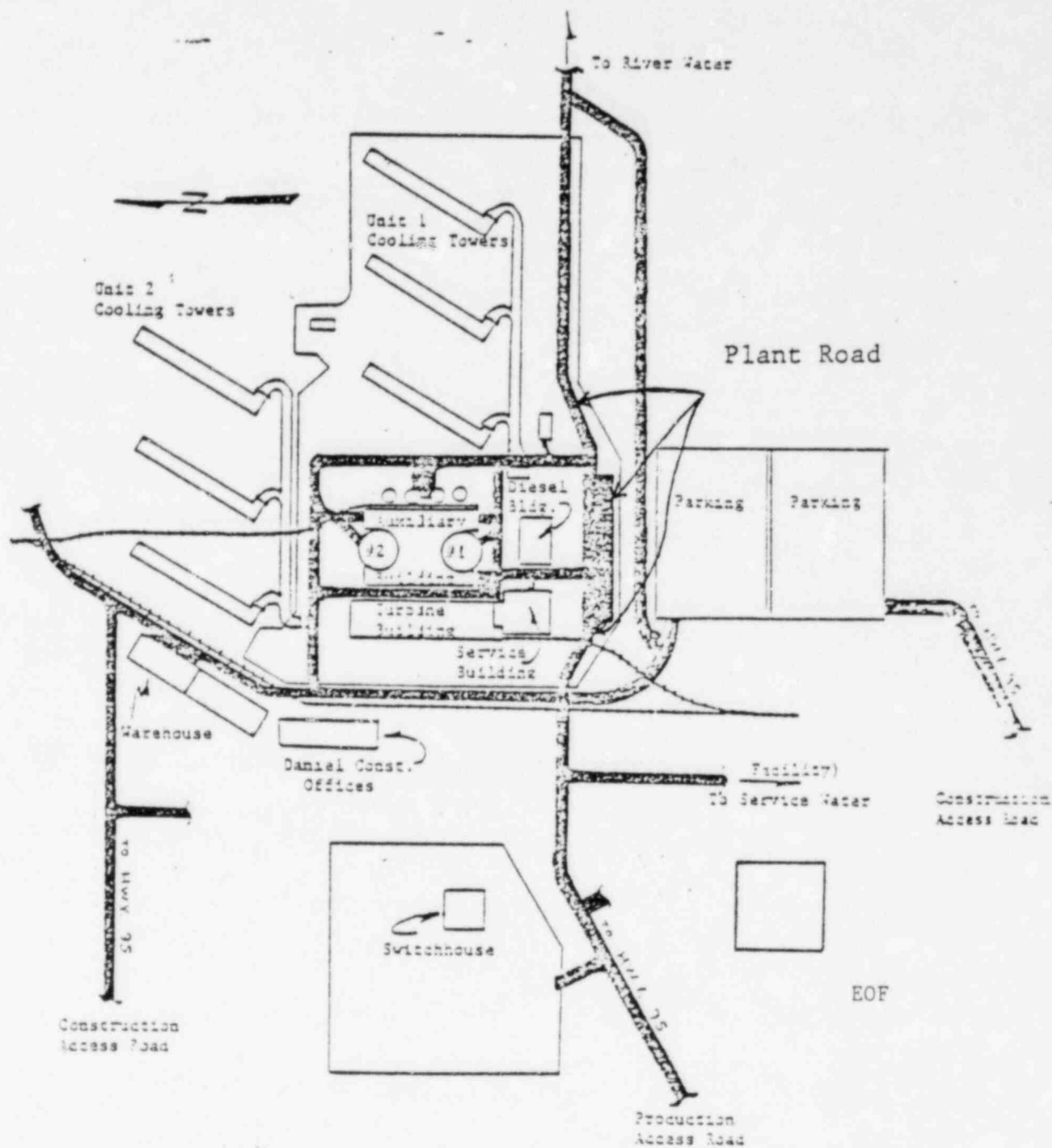
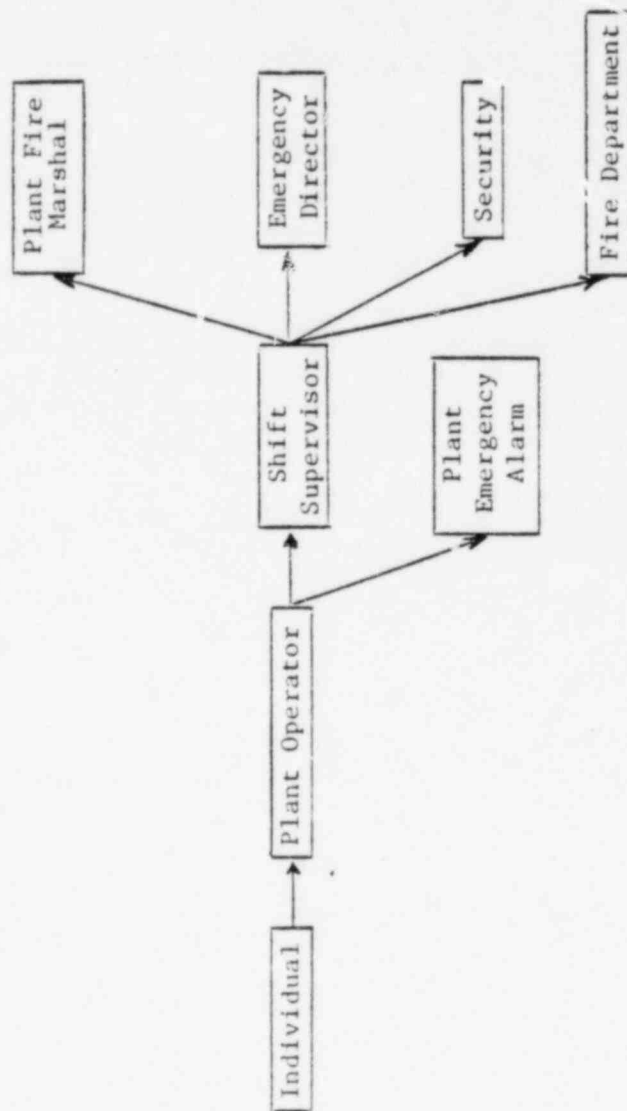


Figure 1



(Figure 2)

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VOLUME 14

FNP-0-EIP-4
September 10, 1982
Revision 9

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-4

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CHEMISTRY AND HEALTH PHYSICS
SUPPORT TO THE EMERGENCY PLAN

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Approved:

W. J. Hunt
Plant Manager

Date Issued: 12-9-82

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CHEMISTRY AND HEALTH PHYSICS
SUPPORT TO THE EMERGENCY PLAN

1.0 Purpose

This procedure delineates the responsibilities of the Chemistry and Health Physics group during emergency conditions.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan.
- 2.2 FNP-0-EIP-10, Evacuation and Personnel Accountability.
- 2.3 FNP-0-EIP-11, Handling of Injured Personnel.
- 2.4 FNP-0-EIP-13, Fire Emergencies.
- 2.5 FNP-0-EIP-14, Re-entry Procedures.
- 2.6 FNP-0-RCP-25, Chemistry and Health Physics Activities During a Radiological Accident (Short Term).
- 2.7 FNP-0-RCP-26, Radiological Surveys and Monitoring
- 2.8 FNP-0-RCP-372, Sampling Radiological Process Streams for Analysis
- 2.9 FNP-0-RCP-708, Sampling Points for Potential Radiological Effluents
- 2.10 FNP-0-RCP-714, Preparation of Liquid Samples for Gross Beta-Gamma Determination
- 2.11 FNP-0-RCP-723, Measurement of Primary to Secondary Leakage Rate
- 2.12 FNP-0-RCP-728, Operation and Calibration of Multichannel Analyzer Systems
- 2.13 FNP-0-RCP-730, Operation and Calibration of Gas Flow Proportional Counting Systems
- 2.14 FNP-0-RCP-732, Operation of the Plant Vent Stack Monitoring System
- 2.15 FNP-0-RCP-741, Operation and Calibration of the Whole Body Counter

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- 2.16 FNP-0-RCP-743, Bioassay Sampling and Analysis
- 2.17 FNP-0-RCP-744, Operation and Calibration of the Harshaw TLD Reader - Models 2000A and B

3.0 General

- 3.1 Chemistry and Health Physics support during emergencies shall consist of but is not limited to the following actions:
 - 3.1.1 Provide personnel for Radiation Monitoring Teams for monitoring in the plant, in the environment (onsite and offsite) and at the Southeast Alabama Medical Center (SAMC).
 - 3.1.2 If necessary, perform sampling, monitoring, chemical analysis and isotopic analysis activities delineated in RCP-25.
 - 3.1.3 Provide environmental monitoring data to the Emergency Director.
 - 3.1.4 Assist in planning re-entry and recovery activities to aid in minimizing personnel exposures.
- 3.2 All C & HP shift personnel will report to the Southeast corner of the Control Room if the plant emergency alarm is sounded.
- 3.3 All C & HP Group administrative personnel on site shall report to the Service Building auditorium in accordance with EIP-10 in the event of a general evacuation.
- 3.4 The on-call Health Physics Manager shall report to the TSC when notified by the Emergency Director.
- 3.5 When directed by the Health Physics Manager, the on call Environmental Supervisor shall report to the Emergency Operations Facility and prepare the EOF for emergency use according to section 4.5.

4.0 Procedure

- 4.1 The Health Physics Manager shall:
 - 4.1.1 Ensure C & HP Group accountability per EIP-10.

- 4.1.2 Dispatch Health Physics technicians to provide radiation monitoring of personnel in the assembly areas. Record type and level of radiation found by Health Physics personnel in the assembly areas and if needed have dosimetry issued to personnel in the affected areas. Notify E.D. if initiation of protective actions is needed (i.e.: respiratory protection, evacuation).
- NOTE: Should conditions change during any phase of the accident that could possibly expose personnel in the assembly areas to radiation hazards, monitoring of those areas should be performed as soon as possible.
- 4.1.3 Implement RCP-25, if appropriate.
- 4.1.4 Provide HP coverage when searching for missing personnel at the direction of the Emergency Director.
- 4.1.5 Initiate recall of off-duty C & HP personnel as necessary.
- 4.1.6 Provide the Emergency Director with information concerning plant status and environmental monitoring data and concerning any radiological incident.
- 4.1.7 Assign available personnel to specific Radiation Monitoring Teams (RMT). Maintain communications with environmental RMT's via the radio located in the Technical Support Center (TSC). When the EOF has been manned and the Emergency Director has turned over offsite coordination to the Recovery Manager, the HP Manager will turn over control of RMT's to the Environmental Supervisor at the EOF.
- 4.1.8 Assist the Emergency Director by planning the activities of and giving instructions to members of the Radiation Monitoring Team(s).
- 4.1.9 Assist the Emergency Director and other groups in planning re-entry and recovery activities to minimize personnel exposures.
- 4.1.10 Evaluate the relocation of access control as necessary for re-entry.

- 4.1.11 Provide supervision for personnel, area, and equipment decontamination during an accident to prevent/limit the spread of contamination.

Decontamination will be initiated if practicable:

- a. Inside the Radiation Controlled Area (RCA) when radioactive contamination for personnel and equipment reach 1000 and 5000 dpm/100cm², respectively.
 - b. Outside the RCA when radioactive contamination for personnel and equipment reach 200 and 500 dpm/100cm², respectively.
- 4.1.12 Provide for offsite analysis of radiological samples as appropriate.
- 4.1.13 If conditions warrant, provide for sampling and analysis of site drinking water for radioactive contamination. If site drinking water is found to exceed the limits specified in 10CFR20, Appendix B, Table 1 column 2, the Health Physics Manager shall order the quarantining and posting of the affected water outlet. Posting will be performed by the Health Physics Foreman or his designee.
- 4.1.14 If a person is to be exposed to airborne radioactive iodine such that he would exceed 2,000 MPC-hrs, consider issuing potassium iodide as a thyroid blocking agent. Instructions and considerations for use are listed in Figure 3.
- 4.1.15 Determine the severity of core damage based on the gamma dose rate inside containment per Appendix 1.
- 4.2 A Radiation Monitoring Team assigned to monitor in the plant or at assembly areas shall:
- 4.2.1 Comply with EIP-10 in providing support during evacuations.
 - 4.2.2 Comply with EIP-11 in providing support to injured personnel.

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- 4.2.3 Comply with EIP-13 if supporting the fire brigade.
- 4.2.4 Comply with EIP-14 if a member of a re-entry team.
- 4.2.5 Don necessary protective clothing and emergency equipment and perform radiological surveys as directed.
- 4.2.6 Document all survey data.
- 4.2.7 Post and establish controlled access areas as appropriate.
- 4.2.8 Report findings to the Technical Support Center (TSC).
- 4.3 A Radiation Monitoring Team assigned to monitor in the environment (onsite and offsite) shall:
 - 4.3.1 Obtain the RMT kit from the CSC building. Check operability of all equipment. Don necessary protective clothing and emergency equipment.
 - 4.3.2 Pick up a transceiver, if necessary, located in the Primary Access Point (PAP) Building and proceed to the Environmental Vehicle or other available plant vehicle.
 - 4.3.3 Perform a direct radiation, air particulate, and radioiodine surveys in areas designated by the Emergency Director or Health Physics Manager. Refer to Figures 1 & 2 for predesignated monitoring points.
 - 4.3.4 Replace any TLD located in the area and post additional TLD's as directed.
 - 4.3.5 Document survey data.
 - 4.3.6 Relay data to the TSC via radio. Report locations per the instructions on Figure 2.
- 4.4 A Radiation Monitoring Team assigned to monitor at the Southeast Alabama Medical Center shall:
 - 4.4.1 Maintain a log of all personnel who enter the Radiation Casualty Receiving Area or who are in the vicinity of the casualty.

- 4.4.2 Ensure that the ventilation system registers in the Radiation Casualty/Decontamination Area are closed if high levels of contamination are involved.
- 4.4.3 Keep the doctor informed of radiation and contamination levels.
- 4.4.4 Monitor the patient when directed by the doctor.
- 4.4.5 Ensure all body excreta and excised tissue from patient are placed in appropriately labeled and sealed containers.
- 4.4.6 Provide decontamination information to doctor as requested.
- 4.4.7 If patient must be transferred to surgery or elsewhere in the hospital, advise doctor as to the radiological precautions necessary during and after transfer.
- 4.4.8 After the patient has left the Radiation Casualty/Decontamination Area, survey personnel, equipment and the Radiation Casualty/Decontamination Area. Direct decontamination efforts to return the area to normal use.
- 4.4.9 Survey ambulance personnel, ambulance, equipment, receiving area and path of the casualty and direct decontamination efforts, if necessary.
- 4.4.10 Collect and prepare all bioassay samples, smears and waste containers for transportation to the plant. Post and label containers and area as appropriate.
- 4.4.11 Sample the run-off in the holdup tank for analysis at the plant. Based on the analysis the Health Physics Manager shall inform SAMC to hold the contents for drumming or to release the contents to the sanitary sewer system.
- 4.4.12 Obtain personnel monitoring devices and appropriate information from hospital personnel.
- 4.4.13 Document all survey data and record all actions in the logbook.

- 4.4.14 Maintain communications with Emergency Director or Health Physics Manager.
- 4.5 The on call Environmental Supervisor will prepare the Emergency Operations Facility for use by:
 - 4.5.1 Opening the emergency storage area (Room 118) and installing the status boards in the Communication, Monitoring, Conference and Command Area (Room 106).
 - 4.5.2 Prepare communications equipment in the Dose Assessment Room (Room 115) and in the Communications, Monitoring, Conference and Command Area (Room 106).
 - 4.5.3 Initialize the Analytical Data Management System (ADMS) computer terminals in the following locations and priority:
 - 4.5.3.1 Dose Assessment Room (Room 115).
 - 4.5.3.2 Monitoring and Conference Area (Room 106)
 - 4.5.3.3 NRC Staff Area (Room 105)
 - 4.5.3.4 Other designated areas
 - 4.5.4 Convert designated room labels to indicate emergency/drill areas.

RADIATION MONITORING TEAM CHECKLIST: ENVIRONMENTAL

The senior Chemistry & Health Physics Technician on the team shall be responsible for completing the checklist and returning it to the Health Physics Manager. Refer to Figure 1 for predesigned monitoring points.

The Environmental Radiation Monitoring Team (onsite and offsite) shall:

- | | <u>Initials</u> |
|---|-----------------|
| A. Obtain RMT kit from CSC. Don necessary protective clothing and emergency equipment | _____ |
| B. Pick up monitoring equipment (i.e. G.M. Instrument, Exposure Rate Instrument, and Air Sampler) necessary for environmental survey. Check operability of equipment. | _____ |
| C. Verify operation of vehicle two-way radio prior to exit from site. | _____ |
| D. If the two-way radio is non-operational or if the vehicle is not equipped with a radio, pick up a transceiver from PAP. Check operability. | _____ |
| E. Perform surveys and document survey data on CHP Form 242 "Health Physics Survey Record". Assign a sequential survey number and record this number along with the location in the bound log book in the EMT kit. Report locations per instructions on Figure 2. | _____ |
| F. Label all samples with sample time, flow rates, location, date, etc. | _____ |
| G. Relay survey results to TSC. | _____ |
| H. Maintain two-way radio in the <u>ON</u> position and report data to TSC. | _____ |
| I. If requested to replace filters at environmental air sampling station, record totalizer reading and insure flow rate is 1½ cubic feet/minute. | _____ |
| K. If replacing environmental TLD's, record TLD serial number, sector, date and time TLD placed or removed. | _____ |

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RADIATION MONITORING TEAM CHECKLIST: HOSPITAL

The senior Chemistry & Health Physics Technician on the team shall be responsible for completing the checklist and returning it to the Health Physics Manager.

The Radiation Monitoring Team at the Hospital shall:

- | | <u>Initials</u> |
|---|-----------------|
| A. Detain ambulance personnel and vehicles until surveying is completed. | _____ |
| B. Close the ventilation system in the Radiation Casualty/Decontamination area, if high levels of contamination create the potential for airborne activity. | _____ |
| C. Insure that drain systems are aligned to a holding tank and isolated from the Dothan Sewer System. | _____ |
| D. Maintain a log of personnel who enter the affected area. | _____ |
| E. Ensure that Personnel Monitoring Dosimeters (PMD's) are distributed as necessary. (Insure dosimeters are zeroed or record issue readings.) | _____ |
| F. Insure excreta and/or excised tissue are placed in appropriately labeled and sealed containers. | _____ |
| G. Provide the doctor with monitoring and decontamination data. Monitor patient when directed by doctor. | _____ |
| H. Survey all personnel, equipment and affected areas prior to release. | _____ |
| I. Direct all decontamination efforts. | _____ |
| J. Collect all PMD's, log readings from dosimeters and insure the names are on TLD's. | _____ |
| K. Sample holding tank for analysis at plant. | _____ |
| L. Maintain communication with Emergency Director or Health Physics Manager. | _____ |

Rev. 5

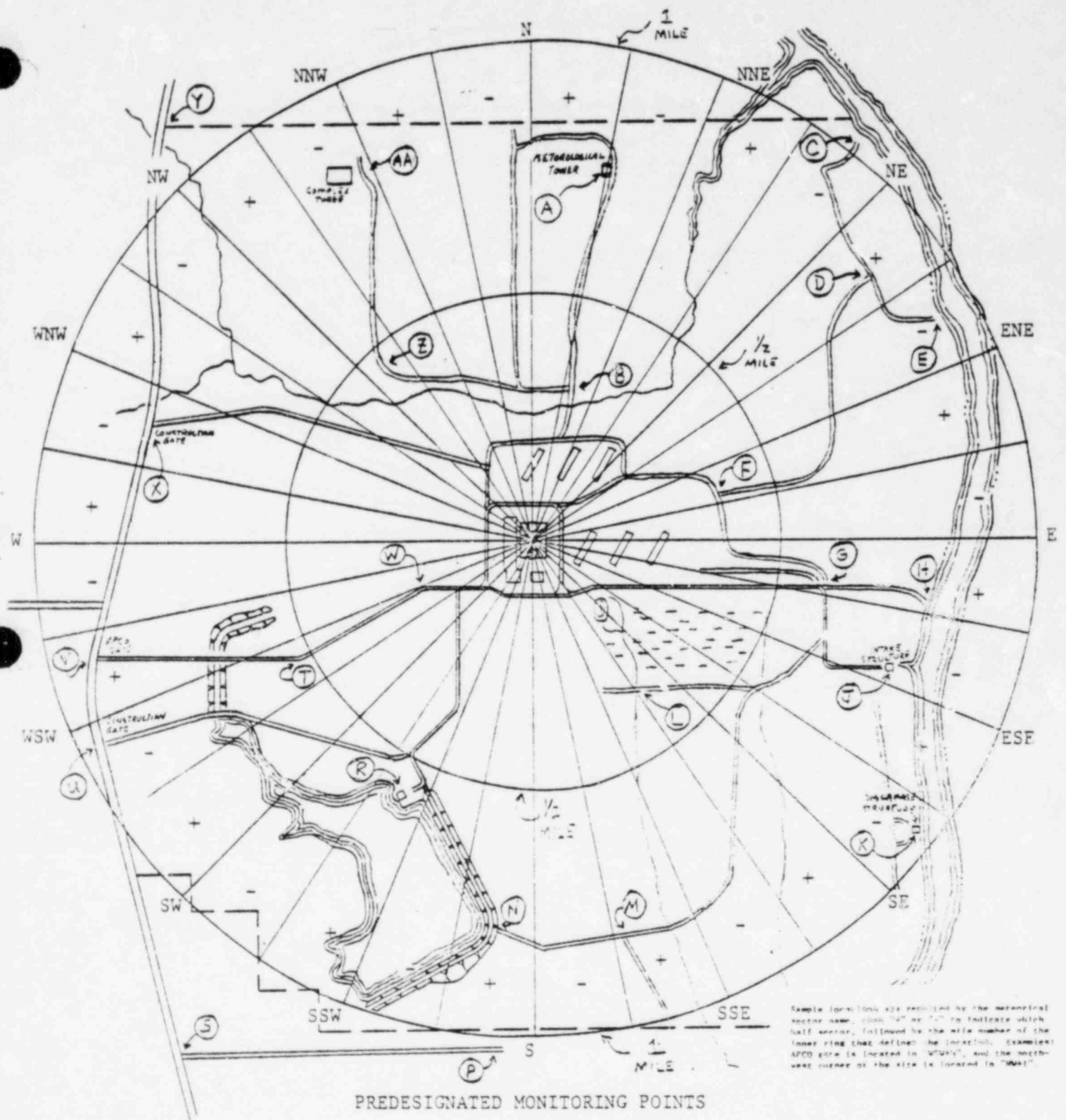
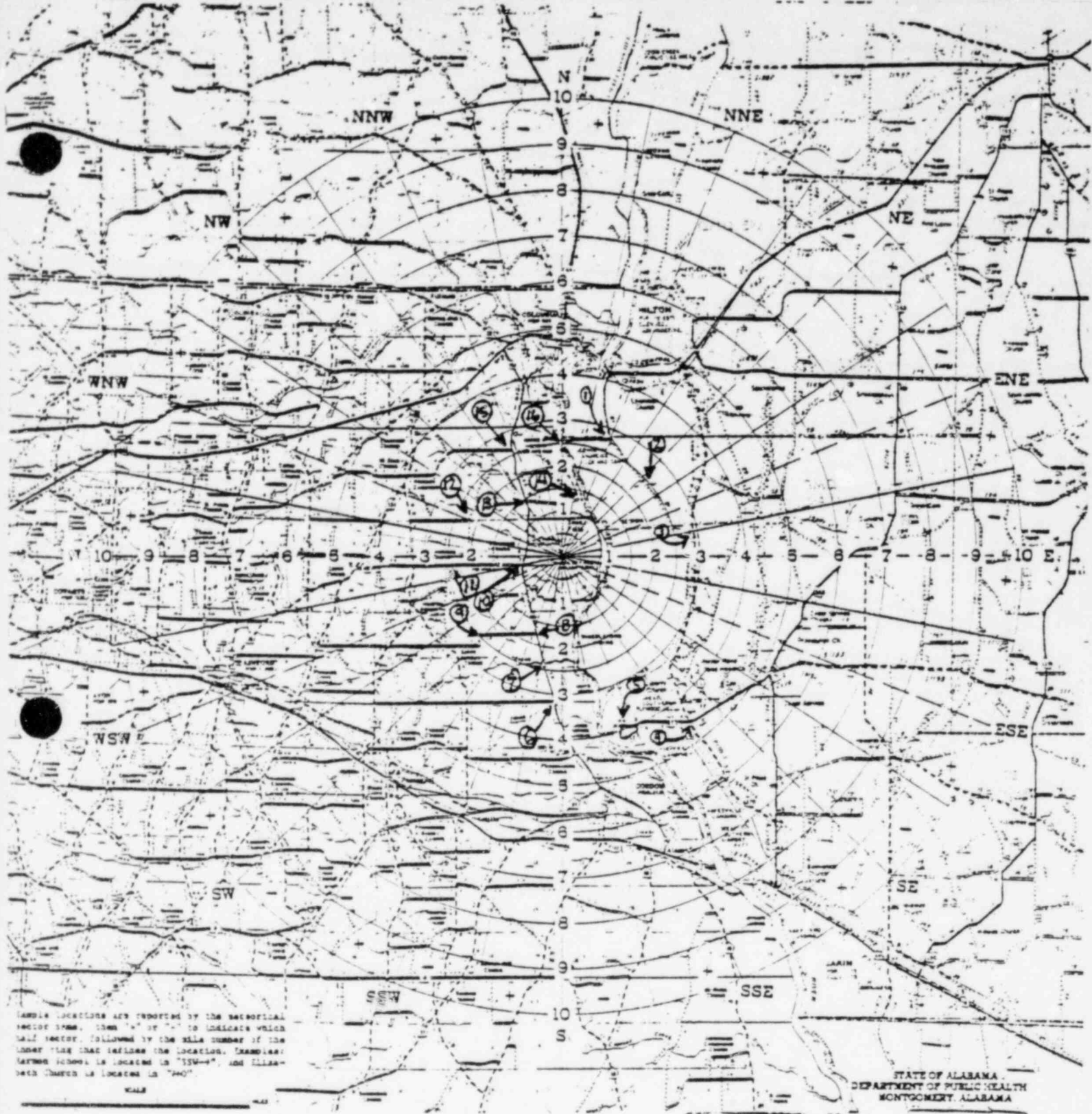


Figure 1



PREDESIGNATED MONITORING POINTS

Point No.	Location	Description	Point No.	Location	Description
1	SW-1	Road Intersection	1	SW-1	End of road
2	SW-2	Bridge	10	SW-1	APCO gate at AL95
3	SW-3	Road Intersection	11	SW-1	Road Intersection
		at SA370	12	SW-1	Road Intersection
4	SW-4	Intersection of	13	SW-1	Road Intersection
		SA370 & SA370			at AL95
5	SW-5	Truss Southern	14	SW-1	End of road
6	SW-6	Smith Branch at AL95	15	SW-1	Road Intersection
7	SW-7	Cedar Creek at AL95			at AL95
8	SW-8	Road Intersection	16	SW-1	Andrews Dam
		at AL95			

Figure 2

Patient Package Insert For

THYRO-BLOCK™**(POTASSIUM IODIDE)**(pronounced *pos-TASS-ee-um EYE-oh-dyed*)

(abbreviated: KI)

TABLETS and SOLUTION U.S.P.

TAKE POTASSIUM IODIDE ONLY WHEN PUBLIC HEALTH OFFICIALS TELL YOU. IN A RADIATION EMERGENCY, RADIOACTIVE IODINE COULD BE RELEASED INTO THE AIR. POTASSIUM IODIDE (A FORM OF IODINE) CAN HELP PROTECT YOU.

IF YOU ARE TOLD TO TAKE THIS MEDICINE, TAKE IT ONE TIME EVERY 24 HOURS. DO NOT TAKE IT MORE OFTEN. MORE WILL NOT HELP YOU AND MAY INCREASE THE RISK OF SIDE EFFECTS. DO NOT TAKE THIS DRUG IF YOU KNOW YOU ARE ALLERGIC TO IODIDE. (SEE SIDE EFFECTS BELOW.)

INDICATIONS

THYROID BLOCKING IN A RADIATION EMERGENCY ONLY.

DIRECTIONS FOR USE

Use only as directed by State or local public health authorities in the event of a radiation emergency.

DOSE**Tablets:**

ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: One (1) tablet once a day. Crush for small children.

BABIES UNDER 1 YEAR OF AGE: One-half (1/2) tablet once a day. Crush first.

Solution:

ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: Add 6 drops to one-half glass of liquid and drink each day.

BABIES UNDER 1 YEAR OF AGE: Add 3 drops to a small amount of liquid once a day.

For all dosage forms: Take for 10 days unless directed otherwise by State or local public health authorities.

Store at controlled room temperature between 15° and 30°C (59° to 86°F). Keep container tightly closed and protect from light. Do not use the solution if it appears brownish in the nozzle of the bottle.

WARNING

Potassium iodide should not be used by people allergic to iodide. Keep out of the reach of children. In case of overdose or allergic reaction, contact a physician or the public health authority.

DESCRIPTION

Each **THYRO-BLOCK™** TABLET contains 130 mg of potassium iodide.

Each drop of **THYRO-BLOCK™** SOLUTION contains 21 mg of potassium iodide.

HOW POTASSIUM IODIDE WORKS

Certain forms of iodine help your thyroid gland work right. Most people get the iodine they need from foods, like iodized salt or fish. The thyroid can "store" or hold only a certain amount of iodine.

In a radiation emergency, radioactive iodine may be released in the air. This material may be breathed or swallowed. It may enter the thyroid gland and damage it. The damage would probably not show itself for years. Children are most likely to have thyroid damage.

If you take potassium iodide, it will fill-up your thyroid gland. This reduces the chance that harmful radioactive iodine will enter the thyroid gland.

WHO SHOULD NOT TAKE POTASSIUM IODIDE

The only people who should not take potassium iodide are people who know they are allergic to iodide. You may take potassium iodide even if you are taking medicines for a thyroid problem (for example, a thyroid hormone or antithyroid drug). Pregnant and nursing women and babies and children may also take this drug.

HOW AND WHEN TO TAKE POTASSIUM IODIDE

Potassium Iodide should be taken as soon as possible after public health officials tell you. You should take one dose every 24 hours. More will not help you because the thyroid can "hold" only limited amounts of iodine. Larger doses will increase the risk of side effects. You will probably be told not to take the drug for more than 10 days.

SIDE EFFECTS

Usually, side effects of potassium iodide happen when people take higher doses for a long time. You should be careful not to take more than the recommended dose or take it for longer than you are told. Side effects are unlikely because of the low dose and the short time you will be taking the drug.

Possible side effects include skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold, and sometimes stomach upset and diarrhea).

A few people have an allergic reaction with more serious symptoms. These could be fever and joint pains, or swelling of parts of the face and body and at times severe shortness of breath requiring immediate medical attention.

Taking iodide may rarely cause overactivity of the thyroid gland, underactivity of the thyroid gland, or enlargement of the thyroid gland (goiter).

WHAT TO DO IF SIDE EFFECTS OCCUR

If the side effects are severe or if you have an allergic reaction, stop taking potassium iodide. Then, if possible, call a doctor or public health authority for instructions.

HOW SUPPLIED

THYRO-BLOCK™ TABLETS (Potassium Iodide, U.S.P.) bottles of 14 tablets (NDC 0037-0472-20). Each white, round, scored tablet contains 130 mg potassium iodide.

THYRO-BLOCK™ SOLUTION (Potassium Iodide Solution, U.S.P.) (30 ml (1 fl. oz.) light-resistant, measured-drop dispensing units (NDC 0037-4257-25). Each drop contains 21 mg potassium iodide.

WALLACE LABORATORIES
Division of
CARTER-WALLACE, INC.
Grandbury, New Jersey 08822

CW-107915-10-79

Issue 10-79

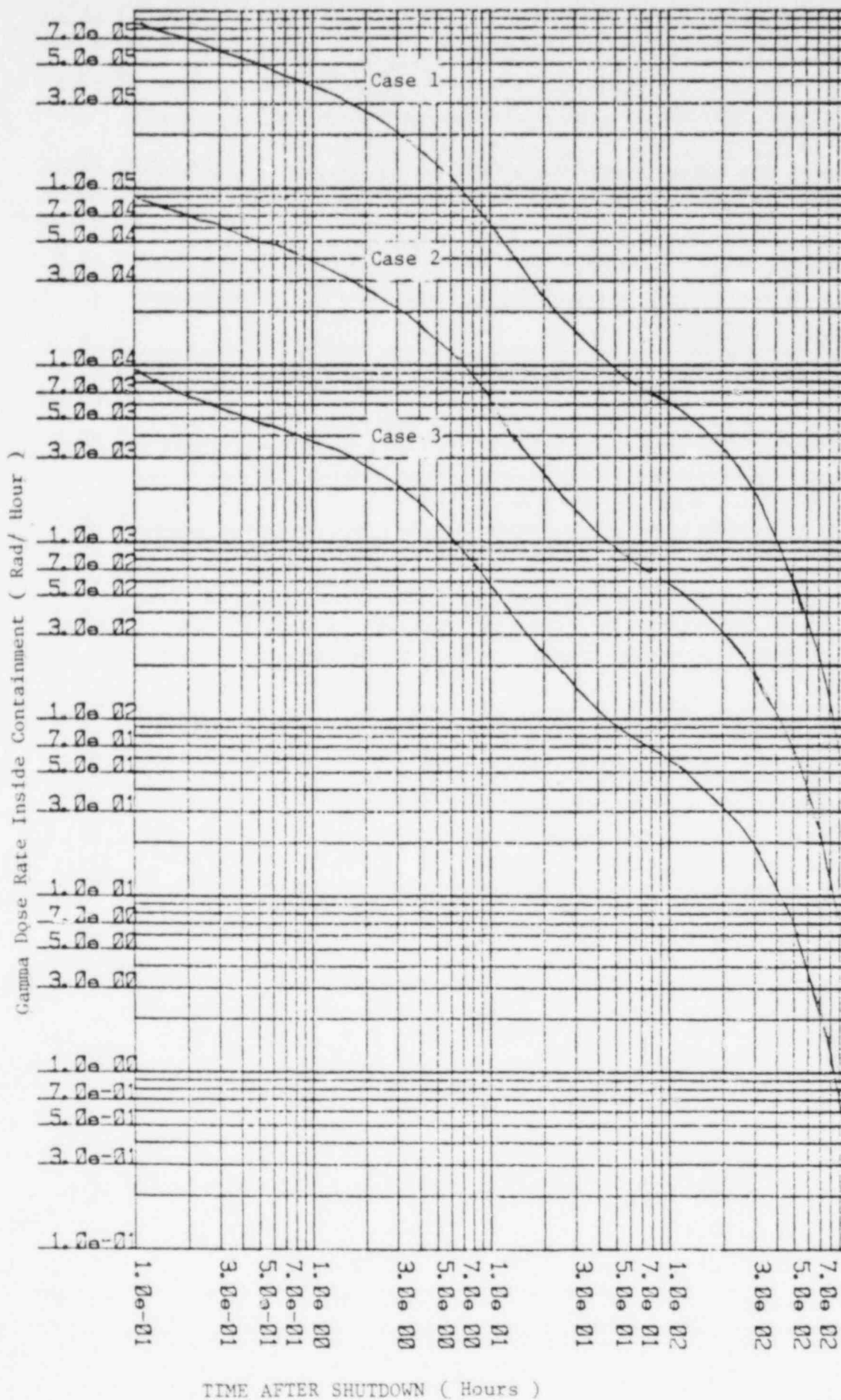
APPENDIX 1

The graph on Sheet 2 of this Appendix shows the gamma dose rates inside containment as a function of time after the following:

- Case 1: 100% Core Melt (100% of noble gas and 25% of iodine core inventory is released into the containment and is available for leakage to the environment.)
- Case 2: 10% Core Melt (approximates total cladding failure with 10% of noble gas and 2.5% of iodine core inventory released.)
- Case 3: 1.0% Core Melt or 10% Cladding Failure (1.0% of noble gases and 0.25% of iodine core inventory released.)

Note that these plots are for volumes above the operating deck EL. 155'-0". All assumptions made to plot the graph are the same as those given in the FSAR for LOCA analysis.

(One of these assumptions is one train of containment spray and one train of containment coolers is operating. Two trains of containment spray were considered in a separate analysis. Assuming both trains are operating would effectively double the removal rate of the elemental and particulate forms of iodine. However, due to the limit of spray removal credit allowed by the NRC (DF=100), the sprays would be "cut-off" in half the time. This effect would be seen in the first 30 minutes after shutdown, but is negligible in the graph due to the presence of noble gases. Thus, justification of using the FSAR LOCA analysis as guidelines for this analysis.)



VOL. 14

FNP-0-EIP-16
November 17, 1982
Revision 12

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-16

EMERGENCY EQUIPMENT AND SUPPLIES

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Approved:

W. J. Hitt III
Plant Manager

Date Issued: 12-4-82

<u>List of Effective Pages</u>	
<u>Page</u>	<u>Rev.</u>
1, 2	11
3, 4, 5	12
<u>Checklists</u>	
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16K-EE	12

Disk EIP-3

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EMERGENCY EQUIPMENT AND SUPPLIES

1.0 Purpose

This procedure establishes the actions to be taken to ensure the operational readiness of emergency equipment and supplies.

2.0 References

- 2.1 Joseph M. Farley Nuclear Plant Emergency Plan
- 2.2 FNP Operating Manual, Vol. 10, FNP-0-RCP-103, Maintenance and Care of Respiratory Protection Equipment
- 2.3 FNP-1-GMP-1.0, Preventive Maintenance Procedures

3.0 General

- 3.1 The Chemistry and Health Physics Group shall be responsible for implementing the requirements of this procedure.
- 3.2 An inventory checklist shall be posted on the front of each emergency cabinet.
- 3.3 An inventory shall be performed:
 - 3.3.1 Quarterly
 - 3.3.2 After each emergency or drill during which the cabinet is opened.
 - 3.3.3 Any time the seal on a cabinet is found to be broken.
- 3.4 This procedure applies only to equipment and supplies stored for emergency use.

4.0 Procedure

- 4.1 The following actions shall be performed monthly.
 - Respiratory Protection Equipment
 - 4.1.1 Respirators
 - a. Check the expiration date on the filter cartridge. If the filter will expire prior to the next check date, replace the respirator.

- b. Ensure that the seal of the protective bag containing the respirator is not broken. If the seal is broken, replace the respirator.

4.1.2 Self-contained breathing apparatus

- a. Check the pressure in the air tank. If the tank is not full, replace the tank.
- b. Check the regulator and warning device to ensure that they function properly.

4.2 The following actions shall be performed quarterly.

4.2.1 Portable instrumentation

Insure portable instruments are within calibration using manufacturer's recommendations as guidelines and replace portable instruments with newly calibrated units (survey instruments and air samplers) as required.

4.2.2 Personnel dosimetry devices

4.2.2.1 Thermoluminescent dosimeters (TLD)

Insure TLD's are within calibration and replace as required.

4.2.2.2 Pocket dosimeter charger

- a. Check battery compartment for leakage from batteries. If leakage is found, clean compartment and replace batteries.
- b. Rezero at least one pocket dosimeter to ensure that the charger is functional. If unit is not functional, replace it.

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4.2.3 Other battery operated devices

4.2.3.1 Check the battery compartment for leakage from batteries. If leakage is found, clean compartment and replace batteries.

4.2.3.2 Operate the device. If the device is not functional, replace it.

4.2.4 Verify operation of the two-way radio in the Plant Emergency Vehicle and the Environmental Vehicle by establishing communications with the Security Tower.

4.2.5 Inventory all items at all emergency equipment locations.

4.2.6 Run the portable air samplers for at least 1 minute.

4.2.7 Check all supplies for deterioration.

4.2.8 Replace any non-serviceable items.

4.3 The following actions shall be performed semi-annually.

4.3.1 Direct-reading pocket dosimeter.

a. Insure pocket dosimeters are within calibration and replace as required.

b. Ensure that each pocket dosimeter is zeroed.

4.4 Upon closing the cabinet, affix a seal to the door in such a manner that the seal must be broken if the cabinet is opened.

4.5 Initiate correction of discrepancies found.

5.0 Records and Reports

5.1 On each Equipment and Supplies Checklist, FNP-0-EIP-16A through FNP-0-EIP-16EE, initial the appropriate space after completing the actions as required by 4.1, 4.2, 4.3 or 4.4.

5.2 Sign and date the Checklists and forward them to the Environmental and Emergency Planning Supervisor.

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- 5.3 After reviewing the Checklist, the Environmental and Emergency Planning Supervisor shall forward them to Document Control.

6.0 Checklists

The following is a listing by location of the emergency equipment and supplies which are included in the checklists:

<u>Location</u>	<u>Checklist</u>
Aux. bldg. entrance west non-rad hallway, EL 155, Unit 1.....	16Q
Aux. bldg. EL 155, Unit 2.....	16D
Aux. bldg. EL 139, Unit 1.....	16U
Aux. bldg. EL 121, Unit 2.....	16E
Aux. bldg. EL 100, Unit 1.....	16V
Aux. bldg. EL 83, Unit 1.....	16F
Aux. bldg. EL 83, Unit 2.....	16W
Aux. bldg. EL 83, Unit 2.....	16AA
CSC, Ambulance kit.....	16I
CSC, Fire Department.....	16J
CSC, Radiation Monitoring Team.....	16K
Control Room.....	16A
Drawings; EOF, TSC.....	16O
Chemistry (Environmental Vehicle).....	16P
Emergency Director Offsite Procedure Packet....	16EE
EOF.....	16L
First Aid Room, EL 155, Service bldg.....	16G
Health Physics Office, EL 155, Aux. bldg.....	16B
Hot Shutdown Panel, Commo Room, Unit 1.....	16X
Hot Shutdown Panel, Corridor, Unit 1.....	16T
Hot Shutdown Panel, Commo Room, Unit 2.....	16Z
Hot Shutdown Panel, Corridor, Unit 2.....	16Y
Kitchen, Control Room, Food.....	16S
Locker Room, EL 155, Aux. bldg.....	16C
Maintenance Shop, Service bldg.....	16R
Plant Emergency Vehicle Equipment.....	16H
Plant Emergency Vehicle Weekly Checklist.....	16DD
Southeast Alabama Medical Center.....	16M
Stretchers.....	16N
Technical Support Center.....	16BB
Location of Fire Brigade Protective Clothing...	16CC

7.0 Plant-Emergency-Vehicle-Preventive-Maintenance

- 7.1 A monthly inspection of the plant emergency vehicle is performed in FNP-1-GMP-1.0, Preventive Maintenance Procedures, by Maintenance.
- 7.2 The plant emergency vehicle and Chemistry (Environmental) vehicle shall be started, test driven, and given a visual inspection by Security once a week per Checklist 16DD and 16P.

- 7.3 Security shall start the plant emergency vehicle, visually verify the following on a daily basis and take corrective action if appropriate.
 - 7.3.1 Tire inflation adequate
 - 7.3.2 Gas Tank near full
 - 7.3.3 Doors Locked
- 7.4 Following any use of the emergency vehicle, the user will verify items 7.3.1 through 7.3.3 and take corrective action, if necessary.
- 7.5 Records and reports
 - 7.5.1 For Checklist 16DD and 16P, initial the appropriate space after completing the action required by section 7.2.
 - 7.5.2 Sign and date the check list and forward it to the Environmental and Emergency Planning Supervisor.
 - 7.5.3 After reviewing the checklist, the Environmental and Emergency Planning Supervisor shall forward it to Document Control.

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Control Room

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Coveralls, Work Type.....	4.....	_____
First Aid Kit.....	1.....	_____
Flashlights.....	2.....	_____
Battery Compartment Operational.....	1.....	_____
Knives, Pocket.....	1.....	_____
Polybags.....	20.....	_____
Polysheets, roll.....	1.....	_____
Record Materials		
Clipboard, Paper, Pencil	2.....	_____
Emergency Plan	1.....	_____
Emergency Plan Implementing Procedures (Supply Cabinet).....	1.....	_____
Logbook	1.....	_____
Protective Action Sector Map	1.....	_____
Respirators		
Full Face	2.....	_____
Iodine Cannister	2.....	_____
Chlorine Cannister	8.....	_____
Next check prior to filter expiration date	1.....	_____
Protective Bag Unbroken.....	1.....	_____
Self-Contained Breathing Apparatus	8.....	_____
Full Tank.....	1.....	_____
Regulator and warning device operational.....	1.....	_____
Voice amplifier.....	8.....	_____
Operational.....	1.....	_____
Battery Compartment Operational.....	1.....	_____
Scissors.....	2.....	_____
Survey Instrument		
Ion Chamber	1.....	_____
Calibration O.K.....	1.....	_____
Tape, Electrical.....	2.....	_____
Tape, Masking.....	2.....	_____
Tool Kit		
Channel Locks (1).....	1.....	_____
Hacksaw (1).....	1.....	_____
Hammer, Carpenters (1).....	1.....	_____
Hammer, Sledge (1).....	1.....	_____
Pliers (1).....	1.....	_____
Screwdriver Set (1).....	1.....	_____
Side Cutters (1).....	1.....	_____
Wrench, Pipe (1).....	1.....	_____
Wrench, Large Adjustable (1).....	1.....	_____
Wrench, Small Adjustable (1).....	1.....	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Health Physics Office, El. 155, Auxiliary Building

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Bucket.....	1.....	_____
Charger, Dosimeter.....	1.....	_____
Battery Compartment Operational.....		_____
Dosimeters, Pocket (20R).....	5.....	_____
Calibration O.K.....		_____
First Aid Kit,	1.....	_____
Flashlights.....	2.....	_____
Battery Compartment Operational.....		_____
Gloves, Disposable, box.....	1.....	_____
Kimwipes, box.....	2.....	_____
Mop.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Polysheets, roll.....	1.....	_____
Protective Clothing		
Coveralls (5).....		_____
Cloth Gloves, pr (5).....		_____
Rubber Gloves, pr (5).....		_____
Cloth Shoe Covers, pr (5).....		_____
Rubber Shoe Covers, pr (5).....		_____
Head (2).....		_____
Suigeous cap (5).....		_____
Respirator, Full Face and Cannister.....	5.....	_____
Next check date prior to filter expiration date.....		_____
Protective Bag Unbroken.....		_____
Rope, Radiation, 100'.....	1.....	_____
Scissors, pr.....	1.....	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2.....	_____
Tide, box.....	2.....	_____

REASON FOR INSPECTION

Monthly Semi-Annual Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Locker Room, El. 155, Auxiliary Building

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Applicators, Cotton Tufted box.....	1.....	_____
Backboard.....	1.....	_____
Bags, Plastic.....	20.....	_____
Blankets.....	4.....	_____
Brushes, Hand.....	2.....	_____
Clippers, Hair.....	1.....	_____
Decon. Solution, btl.....	2.....	_____
Detergent Soap, box.....	1.....	_____
First Aid Kit.....	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Icebags.....	2.....	_____
*Lamp, Floor.....	1.....	_____
Protective Clothing		
Coveralls (5).....		_____
Cloth Gloves, pr (5).....		_____
Rubber Gloves, pr (5).....		_____
Cloth Shoe Covers, pr (5).....		_____
Rubber Shoe Covers, pr (5).....		_____
Hood (5).....		_____
Surgeons Cap (5).....		_____
Scissors.....	1.....	_____
Splints, Air Kit.....	1.....	_____
Splints, Arm.....	2.....	_____
Survey Meter, G.M.....	1.....	_____
Pancake Probe (1).....		_____
Medical Probe (1).....		_____
Calibration O.K.....		_____
Swabs, Nasal.....	20.....	_____
Tape, Masking, roll.....	2.....	_____
Tweezers.....	2.....	_____
Wristbands.....	10.....	_____

*In cal lab

REASON FOR INSPECTION

Quarterly Post-Drill Lock Broken
Other _____ Emergency Use

CHECKED BY: _____
TITLE: _____
DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 155 - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Blankets.....	2.....	_____
Bucket.....	1.....	_____
Decon. Solution, btl.....	1.....	_____
First Aid Kit,	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Kimwipes, box.....	1.....	_____
Mop.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Polysheets, roll.....	1.....	_____
Protective Clothing		
Coveralls (3).....		_____
Cloth Gloves, pr (3).....		_____
Rubber Gloves, pr (3).....		_____
Cloth Shoe Covers, pr (3).....		_____
Rubber Shoe Covers, pr (3).....		_____
Hood (3).....		_____
Surgeons Cap (3).....		_____
Respirator, Full-Face and Cannister.....	2.....	_____
Next check date prior to filter expiration date.....		_____
Rope, Radiation 100'.....	1.....	_____
Scissors, pr.....	1.....	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2.....	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____
TITLE: _____
DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 121 - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Blankets.....	2.....	_____
Bucket.....	1.....	_____
Decon. Solution, btl.....	1.....	_____
First Aid Kit,	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Kimwipes, box.....	1.....	_____
Mop.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Polysheets, roll.....	1.....	_____
Protective Clothing		
Coveralls (3).....		_____
Cloth Gloves, pr (3).....		_____
Rubber Gloves, pr (3).....		_____
Cloth Shoe Covers, pr (3).....		_____
Rubber Shoe Covers, pr (3).....		_____
Hood (3).....		_____
Surgeons Cap (3).....		_____
Respirator, Full-Face and Cannister.....	2.....	_____
Next check date prior to filter expiration date.....		_____
Rope, Radiation 100'.....	1.....	_____
Scissors, pr.....	1.....	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2.....	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____
TITLE: _____
DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Auxiliary Building, El. 83 - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Respirator		
Self-Contained Breathing Apparatus (1).....		_____
Full Tank.....		_____
Regulator and warning device operational.....		_____

REASON FOR INSPECTION

Monthly

Post-Drill

Other _____

Lock Broken

Emergency Use

CHECKED BY: _____

TITLE: _____

DATE: _____

Rev. 11

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - First Aid Room, El. 155, Service Building

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Applicators, Cotton Tufted box.....	1.....	_____
Backboard.....	1.....	_____
Bags, Plastic.....	20.....	_____
Blankets.....	4.....	_____
Brushes, Hand.....	2.....	_____
Clippers, Hair.....	1.....	_____
Decon. Solution, btl.....	2.....	_____
Detergent Soap, box.....	1.....	_____
Gloves, Disposable, box.....	1.....	_____
First Aid Kit.....	1.....	_____
Icebags.....	2.....	_____
Lamp, Floor.....	1.....	_____
Pen.....	1.....	_____
Protective Clothing		
Coveralls (5).....	_____	_____
Cloth Gloves, pr (5).....	_____	_____
Rubber Gloves, pr (5).....	_____	_____
Cloth Shoe Covers, pr (5).....	_____	_____
Rubber Shoe Covers, pr (5).....	_____	_____
Hood (5).....	_____	_____
Surgeons Cap (5).....	_____	_____
Scissors.....	1.....	_____
Splints, Air Kit.....	1.....	_____
Splints, Arm.....	2.....	_____
Smears, box.....	1.....	_____
Survey Meter, G.M.....	1.....	_____
Pancake Probe (1).....	_____	_____
Medical Probe (1).....	_____	_____
Calibration O.K.....	_____	_____
Swabs, Nasal.....	20.....	_____
Tape, Masking, roll.....	2.....	_____
TLD's.....	5.....	_____
Tweezers.....	2.....	_____
Wristbands.....	10.....	_____

REASON FOR INSPECTION

Quarterly Post-Drill
Other _____

Lock Broken
Emergency Use

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Plant Emergency Vehicle

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Backboard, long.....	1.....	_____
Backboard, short.....	1.....	_____
Bags, Plastic.....	10.....	_____
Blankets.....	2.....	_____
Charger, Dosimeter.....	1.....	_____
Battery Compartment Operational.....		_____
Dosimeters, Pocket (5R).....	2.....	_____
First Aid Kit,	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Labels, Self Sticking "RADIOACTIVE" roll.....	1.....	_____
Lead Covering Material, sheet.....	1.....	_____
Pen.....	2.....	_____
Protective Clothing		
Lab Coats (4).....		_____
Cloth Gloves, pr (4).....		_____
Rubber Gloves, pr (4).....		_____
Canvas Shoe Covers, pr (4).....		_____
Surgeons Caps (4).....		_____
Rubber Shoe Covers, pr (4).....		_____
Radio, Two-way operational.....	1.....	_____
Signs "RADIOACTIVE".....	4.....	_____
Tape, Masking, roll.....	1.....	_____
TLD's.....	5.....	_____
Wristbands.....	10.....	_____
K.E.D. Extrication Device.....	1.....	_____
Roll-PaK Air Splints.....	1.....	_____
Ladder Splint Kit.....	1.....	_____
Portable Trauma Kit.....	1.....	_____
First Aid Supplies.....	1.....	_____

Quantities variable, to be maintained adequate by First Aid qualified personnel.

REASON FOR INSPECTION

Quarterly Semi-Annual Lock Broken
Other Post-Drill Emergency Use

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Central Security Control Building, Ambulance Kit

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Bags, Plastic.....	10	_____
Blanket.....	1	_____
Charger, Dosimeter.....	1	_____
Battery Compartment Operational.....		_____
Dosimeters, Pocket (5R).....	4	_____
Labels, Self Sticking "RADIOACTIVE" roll.....	1	_____
Lead Covering Material, sheet.....	1	_____
Pen.....	2	_____
Protective Clothing		
Lab Coats (4).....		_____
Cloth Gloves, pr (4).....		_____
Rubber Gloves, pr (4).....		_____
Cloth Shoe Covers, pr (4).....		_____
Rubber Shoe Covers, pr (4).....		_____
Hood (4).....		_____
Surgeons Caps (4).....		_____
Signs "RADIOACTIVE".....	4	_____
Tape, Masking, roll.....	1	_____
TLD's.....	4	_____
Wristbands.....	10	_____

PURPOSE OF INSPECTION

Quarterly Semi-Annual Lock Broken
 Other Post-Drill Emergency Use

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Central Security Control Building, Fire Department

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Charger, Dosimeter.....	1.....	_____
Battery Compartment Operational.....	.....	_____
Dosimeters, Pocket (5R).....	5.....	_____
Calibration O.K.....	.....	_____
Fire Rescue Suit.....	1.....	_____
Gloves, pr.....	5.....	_____
Respirator		
Self Contained Breathing Apparatus (2).....	.....	_____
Full Tank.....	.....	_____
Regulator and warning device operational.....	.....	_____
Survey Meter G.M.....	2.....	_____
Pancake Probe (1).....	.....	_____
Calibration O.K.....	.....	_____
Survey Instrument Ion Chamber.....	2.....	_____
Calibration O.K.....	.....	_____
TLD's.....	10.....	_____

REASON FOR INSPECTION

Monthly Semi-Annual Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Central Security Control Bldg., Radiation Monitoring Team Kit/Fire Dept.
Each of 2 Kits Shall Contain Items Listed Below.

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Air Sampler.....	1.....	_____
Calibration O.K.....	.....	_____
Bags, Plastic.....	10.....	_____
Cartridges, Silver Zeolite.....	6.....	_____
Charger, Dosimeter.....	1.....	_____
Battery Compartment Operational.....	.....	_____
Dosimeters, Pocket (5R).....	2.....	_____
Calibration O.K.....	.....	_____
Filter Paper, box.....	1.....	_____
Flashlights.....	2.....	_____
Battery Compartment Operational.....	.....	_____
Key to Monitoring Cabinet.....	1.....	_____
Protective Clothing		
Coveralls (2).....	.....	_____
Cloth Gloves, pr (2).....	.....	_____
Rubber Gloves, pr (2).....	.....	_____
Cloth Shoe Covers, pr (2).....	.....	_____
Rubber Shoe Covers, pr (2).....	.....	_____
Hood (2).....	.....	_____
Surgeons Cap (2).....	.....	_____
Rain Coats.....	2.....	_____
Rain Pants, pr.....	2.....	_____
Rain Boots, pr.....	2.....	_____
Records Materials		
Clipboard, Paper, Pencil (1).....	.....	_____
Logbook (1).....	.....	_____
Protective Action Sectors Map (1).....	.....	_____
Site Map (1).....	.....	_____
Survey Forms.....	.....	_____
Respirator		
Full Face (2).....	.....	_____
Iodine Cannister (2).....	.....	_____
Next check prior to filter expiration date.....	.....	_____
Protective Bag Unbroken.....	.....	_____
TLD's.....	5.....	_____
Tweezers.....	1.....	_____
EIP-4.....	1.....	_____
RCP-234.....	1.....	_____

REASON FOR INSPECTION

Monthly Semi-Annual Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Emergency Operation Facility (Room 118)

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Air Sampler.....	1	
Calibration O.K.....		
Bags, Plastic.....	50	
Charger, Dosimeter.....		
Battery Compartment Operational.....		
Dosimeters, Pocket (5R) and (20R).....	20 each.	
Calibration O.K.....		
TLD's.....	20	
First Aid Kit.....	1	
Flashlights.....	2	
Battery Compartment Operational.....		
Hats, Hard.....	4	
Knives, Pocket.....	1	
Poly Sheets, roll.....	1	
Protective Clothing		
Coveralls (20).....		
Cloth Gloves, pr (20).....		
Rubber Gloves, pr (20).....		
Cloth Shoe Covers, pr (20).....		
Rubber Shoe Covers, pr (20).....		
Hood (20).....		
Surgeons Cap (20).....		
Records Materials		
Clipboard, Paper, Pencil (2).....		
Drawings of Facility (1 set).....		
Emergency Plan (1 copy).....		
Emergency Plan Implementing Procedures (1 set).....		
Logbook (1).....		
INPO Emergency Resource Manual.....	1	
Protective Action Sectors Map (1).....		
Final Safety Analysis Report(1 set).....		
10CFR20	1	
Respirators, Full-Face and Cannister.....	2	
Next check prior to filter expiration date.....		
Protective Bag Unbroken.....		
Rope, Coil. ½" diam. 100'.....	1	
Rope, Radiation, 100'.....	1	
Scissors.....	2	
Smears, box.....	2	
Potassium Iodide, Bottle.....	50	
Telephones		
ENN (white phone).....	1	
NRC Ring Down (red phone).....	1	
6145 OPX w/speaker.....	1	
6146 OPX.....	1	
6147 OPX.....	1	

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
6148 OPX.	1.	_____
6149 OPX.	1.	_____
6150 OPX.	1.	_____
6151 OPX.	1.	_____
6152 OPX.	1.	_____
6156 OPX.	1.	_____
6020 PAX.	1.	_____
6021 PAX.	1.	_____
6123 PAX.	1.	_____
6130 PAX.	1.	_____
6132 PAX.	1.	_____
6133 PAX.	1.	_____
6134 PAX.	1.	_____
6135 PAX.	1.	_____
6136 PAX.	1.	_____
*6141 PAX.	1.	_____
Portable Radios Motorola		
Model #HT-440.	4.	_____
Model #HH-70.	1.	_____
Survey Meter, G.M.	1.	_____
Pancake Probe (1) or Sidewindow Probe (1).....		_____
Calibration O.K.		_____
Survey Instrument Ion Chamber.	1.	_____
Calibration O.K.		_____
Tape, Electrical, roll.	2.	_____
Tape, Masking, roll.	2.	_____
Tool Kit		
Channel Locks (1).....		_____
Hacksaw (1).....		_____
Hammer, Carpenters (1).....		_____
Pliers (1).....		_____
Screwdriver Set (1).....		_____
Side Cutters (1).....		_____
Wrench, Pipe (1).....		_____
Wrench, Large Adjustable (1).....		_____
Wrench, Small Adjustable (1).....		_____

* Located in Room 115

REASON FOR INSPECTION

Monthly Semi-Annual Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Southeast Alabama Medical Center

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Applicators, Cotton Tip, pkg.....	1.....	_____
Bags, Plastic.....	20.....	_____
Basin.....	1.....	_____
Brushes, Hand.....	2.....	_____
Charger, Dosimeter.....	1.....	_____
Battery Compartment Operational.....	_____	_____
Clippers, Hair.....	1.....	_____
Containers, Specimen.....	10.....	_____
Cotton Balls box.....	1.....	_____
Decon. Solution, btl.....	1.....	_____
Detergent Soap, box.....	1.....	_____
Dosimeter, Pocket (5R).....	5.....	_____
Drums, Waste.....	3.....	_____
Filter Paper, box.....	2.....	_____
Labels, Self Sticking "RADIOACTIVE" roll.....	1.....	_____
Lead pig.....	1.....	_____
Mask, Surgeon's Face.....	4.....	_____
Needles, pkg.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Poly Sheets, roll.....	1.....	_____
Protective Clothing		
Lab Coats (6).....	_____	_____
Rubber Gloves, pr (20).....	_____	_____
Surgeon's Gloves, pr (8).....	_____	_____
Plastic Shoe Covers, pr (20).....	_____	_____
Surgeons Cap (4).....	_____	_____
Records Materials		
Clipboard, Paper, Pencil (1).....	_____	_____
Logbook (1).....	_____	_____
Pen, w/waterproof ink (1).....	_____	_____
Survey Forms, (1 set).....	_____	_____
Rope, Radiation 100'.....	1.....	_____
Scissors, Metzenbalm, Small.....	1.....	_____
Scissors, Sewing.....	1.....	_____
Signs, Radiation.....	10.....	_____
Suits, Surgical.....	4.....	_____
Survey Meter, G.M.....	1.....	_____
Pancake Probe (1).....	_____	_____
Medical Probe (1).....	_____	_____
Calibration O.K.....	_____	_____
Survey Instrument Ion Chamber.....	1.....	_____
Calibration O.K.....	_____	_____

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Suture Set.....	1.....	_____
Syringe Bulb.....	1.....	_____
Tags.....	10.....	_____
Tape, Masking, roll.....	2.....	_____
TLD's.....	10.....	_____
Curved Murphy Kelly Forceps 5½.....	3.....	_____
St. Murphy Kelley Forceps 5½.....	2.....	_____
Dressing Forcep no teeth.....	1.....	_____
Adron Forcep with mouse teeth.....	1.....	_____
Adron Forcep w/o teeth.....	1.....	_____
Needle Holder 5".....	1.....	_____
Needle Holder 6".....	1.....	_____
Mosquito Forcep St.....	3.....	_____
Towel Clips Backhaus.....	2.....	_____
Allis Forceps (4x5) 5½".....	2.....	_____
Operating Scissors S&B 5½".....	1.....	_____
#3 Knife Handle.....	1.....	_____
Butcher Tray 19x12½x5/8".....	1.....	_____
Medicine Cup.....	1.....	_____
Round Basin 1 7/8 qt.....	1.....	_____
Medicine Glass.....	1.....	_____
Syringe 2 c.c. LL.....	1.....	_____
Syringe 10 c.c. LL.....	1.....	_____
Hyponeedle Reusable 22G.....	1.....	_____
Hyponeedle Reusable 25G.....	1.....	_____

REASON FOR INSPECTION

Semi-Annual Lock Broken
 Quarterly Post-Drill Emergency Use
 Other _____

CHECKED BY: _____
 TITLE: _____
 DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - FNP Stretcher Cabinets

<u>Description</u>	<u>Location</u>	<u>Quantity</u>	<u>Initials</u>
Stretcher, Pole.....	Utility Building.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Basket.....	Water Treatment Plant.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		2.....	_____
Stretcher, Basket.....	Srv. Bldg. First Aid Room.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		2.....	_____
Stretcher, Pole.....	C.S.C. Building.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	Switchhouse.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	Control Room.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Basket Unit I.....	Aux-RCA 155' W. Stairs.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		2.....	_____
Stretcher, Pole Unit I.....	Aux-RCA 139' W. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Aux-RCA 121' E. Hall.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Aux-RCA 100' W. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Basket Unit I.....	Aux-RCA 83' W. Stairs.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blanket.....		2.....	_____
Stretcher, Pole Unit I.....	Aux-NON-RAD 139' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Aux-NON-RAD 121' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Aux-NON-RAD 100' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Turb Bldg 189' W. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit I.....	Turb Bldg 137' S. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	Srv. Wtr. NE Entrance.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	River Wtr. S. Compartment.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	Diesel Gen Bldg W. Entrance.....	1.....	_____
Blanket.....		1.....	_____

<u>Description</u>	<u>Location</u>	<u>Quantity</u>	<u>Initials</u>
Stretcher, Basket, Unit I.....	Fire Protection Building.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		2.....	_____
Stretcher, Basket, Unit II.....	Turbine Bldg. El. 155'.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		2.....	_____
Stretcher, Basket, Unit II.....	Aux-Rad 155' E. Stairs.....	1.....	_____
4-Point Sling.....		1.....	_____
Body Straps.....		4.....	_____
Blankets.....		1.....	_____
Stretcher, Pole Unit II.....	Turbine Bldg. 137' N. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Turbine Bldg. 189' N. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux-NON-RAD 139' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux-NON-RAD 121' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux-NON-RAD 100' Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux RAD 139' E. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux RAD 121' E. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux RAD 100' E. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II.....	Aux RAD 83' W. Stairs.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole Unit II....	Cl ₂ House/Cooling Tower A.....	1.....	_____
Blanket.....		1.....	_____
Stretcher, Pole.....	EOF.....	1.....	_____
Blanket.....		1.....	_____

REASON FOR INSPECTION

Quarterly Post-Drill

Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location: Emergency Operations Facility, Technical Support
Center

Description: Each location shall contain the following listed drawings:

Unit 1: pp. 2 - 6

Unit 2: pp. 7 - 10

REASON FOR INSPECTION

Quarterly
Post-drill
Lock broken
Emergency use
Other _____

Checked By: _____

Title: _____

Date: _____

Emergency Planners Review _____

UNIT 1 EMERGENCY PLAN DRAWINGS

	<u>EOF</u>	<u>TSC</u>
D-170064	_____	_____
D-170066	_____	_____
D-170067	_____	_____
D-170069	_____	_____
D-170070 Sh. 1, 2, 3	_____	_____
D-170071	_____	_____
D-170076	_____	_____
D-170077	_____	_____
D-170079	_____	_____
D-170080	_____	_____
D-170084	_____	_____
D-170085	_____	_____
D-170087	_____	_____
D-170089	_____	_____
D-170110	_____	_____
D-170111	_____	_____
D-170112	_____	_____
D-170113	_____	_____
D-170114 Sh. 1, 2	_____	_____
D-170117 Sh. 1 through 4	_____	_____
D-170118	_____	_____
D-170119 Sh. 1 through 11	_____	_____
D-170120	_____	_____
D-170121	_____	_____
D-170124 Sh. 1, 2, 3, 4, 5, 6	_____	_____

	<u>EOF</u>	<u>TSC</u>
D-170125	_____	_____
D-170127	_____	_____
D-175029 Sh. 1, 2	_____	_____
D-170130 Sh. 1, 2, 3, 4, 5	_____	_____
D-170131 Sh. 1, 2, 3, 4	_____	_____
D-170132 Sh. 1, 2	_____	_____
D-170133	_____	_____
D-170177	_____	_____
D-170208	_____	_____
D-170295	_____	_____
D-170296	_____	_____
D-170381 Sh. 1, 2, 3, 4, 5, 6	_____	_____
D-170382 Sh. 1, 2	_____	_____
D-170384 Sh. 1, 2, 3, 4, 5	_____	_____
D-170385 Sh. 1, 2, 3	_____	_____
D-170386	_____	_____
D-170473 Sh. 1, 2, 3, 4, 5	_____	_____
D-170475	_____	_____
D-170476	_____	_____
D-170481	_____	_____
D-170800 Sh. 1, 2	_____	_____
D-170801 Sh. 1, 2	_____	_____
D-170802 Sh. 1, 2	_____	_____
D-170803 Sh. 1, 2	_____	_____
D-170804 Sh. 1, 2	_____	_____

	<u>EOF</u>	<u>TSC</u>
D-170805 Sh. 1, 2	_____	_____
D-170806 Sh. 1, 2	_____	_____
D-170807 Sh. 1, 2	_____	_____
D-170808 Sh. 1, 2	_____	_____
D-170809 Sh. 1, 2	_____	_____
D-170810	_____	_____
D-170811	_____	_____
D-170812 Sh. 1, 2	_____	_____
D-170813	_____	_____
D-170814	_____	_____
D-171276	_____	_____
D-171331	_____	_____
D-171815	_____	_____
D-171827	_____	_____
D-171829	_____	_____
D-174001	_____	_____
D-174002	_____	_____
D-175000 Sh. 1, 2	_____	_____
D-175001	_____	_____
D-175002 Sh. 1, 2, 3	_____	_____
D-175003 Sh. 1, 2, 3	_____	_____
D-175004 Sh. 1, 2	_____	_____
D-175005	_____	_____
D-175006	_____	_____
D-175007	_____	_____
D-175008	_____	_____

	<u>EOF</u>	<u>TSC</u>
D-175009 Sh. 1, 2	_____	_____
D-175010 Sh. 1, 2	_____	_____
D-175011 Sh. 1, 2, 3	_____	_____
D-175012	_____	_____
D-175014 Sh. 1, 2	_____	_____
D-175016 Sh. 2	_____	_____
D-175017	_____	_____
D-175022	_____	_____
D-175027 Sh. 1, 2	_____	_____
D-175031 Sh. 1, 2	_____	_____
D-175033 Sh. 1, 2	_____	_____
D-175034 Sh. 1, 2, 3	_____	_____
D-175035 Sh. 1, 2	_____	_____
D-175036	_____	_____
D-175037 Sh. 1, 2, 3	_____	_____
D-175038 Sh. 1, 2, 3	_____	_____
D-175039 Sh. 1, 3, 4	_____	_____
D-175040	_____	_____
D-175041	_____	_____
D-175042 Sh. 1, 2, 3, 4, 5, 6, 7	_____	_____
D-175043	_____	_____
D-175044	_____	_____
D-175045	_____	_____
D-175047	_____	_____
D-175050	_____	_____
D-175055	_____	_____

	<u>EOF</u>	<u>*TSC</u>
D-175056	_____	_____
D-175057	_____	_____
D-175058	_____	_____
D-175059	_____	_____
D-175060	_____	_____
D-175063	_____	_____
D-175071 Sh. 1, 2, 3	_____	_____
D-175073	_____	_____
D-175074	_____	_____
*D-176075	_____	_____
*D-176076	_____	_____
*D-176077	_____	_____
*D-176078	_____	_____
*D-176079	_____	_____
D-170072	_____	_____
D-170073	_____	_____
D-170074	_____	_____
D-170075	_____	_____
Aperture card viewer and or printer operationally tested.	SAT/UNSAT	SAT/UNSAT

*Located with RCP-25 in supplies cabinet.

UNIT 2 EMERGENCY PLAN DRAWINGS

	<u>EOF</u>	<u>TSC</u>
D-200002 Sh. 1, 2, 3	_____	_____
D-200003	_____	_____
D-200004	_____	_____
D-200005	_____	_____
D-200007	_____	_____
D-200008 Sh. 1, 2, 3, 4, 5, 6	_____	_____
D-200011 Sh. 1, 2	_____	_____
D-200013 Sh. 1, 2, 3, 4, 5, 6, 7, 8, 9	_____	_____
D-200014	_____	_____
D-200016	_____	_____
D-200017	_____	_____
D-200018	_____	_____
D-200019 Sh. 1, 2	_____	_____
D-200022	_____	_____
D-200023	_____	_____
D-200024	_____	_____
D-200025	_____	_____
D-200027	_____	_____
D-200028	_____	_____
D-200042	_____	_____
D-200049	_____	_____
D-200067 Sh. 1, 2	_____	_____
D-200118	_____	_____
D-200132	_____	_____
D-200149	_____	_____

	<u>EOF</u>	<u>TSC</u>
D-200150	_____	_____
D-200151	_____	_____
D-200152	_____	_____
D-200153	_____	_____
D-200175	_____	_____
D-200176	_____	_____
D-200177	_____	_____
D-200180	_____	_____
D-200183	_____	_____
D-200195 Sh. 1, 2, 3, 4, 5, 6	_____	_____
D-200196	_____	_____
D-200197 Sh. 1, 2	_____	_____
D-200198	_____	_____
D-200209	_____	_____
D-200210	_____	_____
D-200211	_____	_____
D-200212	_____	_____
D-200213	_____	_____
D-200215	_____	_____
D-200216	_____	_____
D-200217 Sh. 1, 2	_____	_____
D-200218	_____	_____
D-200222	_____	_____
D-201250	_____	_____
D-201829	_____	_____

	<u>EOF</u>	<u>TSC</u>
D-205000 Sh. 1, 2	_____	_____
D-205002 Sh. 1, 2, 3	_____	_____
D-205003 Sh. 1, 2, 3	_____	_____
D-205004 Sh. 1, 2	_____	_____
D-205005	_____	_____
D-205006	_____	_____
D-205007	_____	_____
D-205008	_____	_____
D-205009 Sh. 1, 2, 3	_____	_____
D-205010 Sh. 1, 2	_____	_____
D-205011 Sh. 1, 2, 3, 4	_____	_____
D-205012	_____	_____
D-205014 Sh. 1, 2	_____	_____
D-205016 Sh. 1, 2	_____	_____
D-205017	_____	_____
D-205021	_____	_____
D-205022	_____	_____
D-205027	_____	_____
D-205031 Sh. 1, 2	_____	_____
D-205033 Sh. 1, 2	_____	_____
D-205034 Sh. 1, 2, 3, 4	_____	_____
D-205035 Sh. 1, 2	_____	_____
D-205036	_____	_____
D-205037 Sh. 1, 2, 3	_____	_____
D-205038 Sh. 1, 2, 3	_____	_____
D-205039 Sh. 1, 3, 4	_____	_____

	<u>EOF</u>	<u>*TSC</u>
D-205040	_____	_____
D-205041	_____	_____
D-205042 Sh. 1, 2, 3, 4, 5, 6, 7	_____	_____
D-205043	_____	_____
D-205044	_____	_____
D-205045	_____	_____
D-205047	_____	_____
D-205050	_____	_____
D-205055	_____	_____
D-205056	_____	_____
D-205057	_____	_____
D-205058	_____	_____
D-205059	_____	_____
D-205060	_____	_____
D-205063	_____	_____
D-205071 Sh. 1, 2, 3	_____	_____
D-205073	_____	_____
D-205074	_____	_____
*D-206075	_____	_____
*D-206076	_____	_____
*D-206077	_____	_____
*D-206078	_____	_____
*D-206079	_____	_____
*Located with RCP-25		
D-170069 Sh. 1	_____	_____
D-170084	_____	_____

CHEMISTRY (ENVIRONMENTAL) VEHICLE WEEKLY CHECKLIST

Location - Chemistry (Environmental) Vehicle

<u>Description</u>		<u>Initials</u>
1. Check engine coolant level	Sat/Unsat	_____
2. Start vehicle	Sat/Unsat	_____
3. Test Drive		
a. Drive vehicle, minimum of 5 minutes		
b. Establish two way radio communications with security tower		_____
c. Check the clutch	Sat/Unsat	_____
d. Check the brakes	Sat/Unsat	_____
Check the steering	Sat/Unsat	_____
f. Check the transmission	Sat/Unsat	_____
4. Visual Check		
a. Tires inflated	Sat/Unsat	_____
b. Cooling system hoses and clamps	Sat/Unsat	_____
c. Fan belts condition	Sat/Unsat	_____
d. Engine oil level	Sat/Unsat	_____
e. Battery water level	Sat/Unsat	_____
f. All lights operable	Sat/Unsat	_____
g. Wind shield wipers	Sat/Unsat	_____
h. Doors locked	Sat/Unsat	_____

*Note: Any unsatisfactory mechanical condition will be reported to maintenance via a shop work order and the Shift Chemist will be notified of the environmental vehicle status.

CHECKED BY _____
DATE/TIME _____ / _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Aux. Bldg. Entrance West Non-Rad Hallway - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Self Contained Breathing Apparatus (upper rack)		
Air Bottles.....	48.....	_____
Full Tank.....		_____
Self Contained Breathing Apparatus (lower rack)		
Air Bottles.....	48.....	_____
Full Tank.....		_____

REASON FOR INSPECTION

Monthly

Post-Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Service Bldg. Maintenance Shop

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Masking Tape (roll).....	4.....	_____
Protective Clothing		
Cloth Gloves, pr. (20).....		_____
Cloth Shoe Covers, pr. (20).....		_____
Coveralls (20).....		_____
Hood (20).....		_____
Plastic Shoe Covers (20).....		_____
Rubber Gloves, pr. (20).....		_____
Rubber Shoe Covers, pr. (20).....		_____
Surgeons Cap (20).....		_____

*Chlorine Institute Emergency Kit "A"

Hood (#1A).....	1.....	_____
Gasket, Flat, Neoprene, 4 ID x 6½ OD x ½ (#1B)....	3.....	_____
Yoke (#1C).....	1.....	_____
Cap Screw (#1D).....	1.....	_____
Base Assembly with Chains (#1EH).....	1.....	_____
Spacer Plat (#1P).....	1.....	_____
Ramp (#1R).....	1.....	_____
Vent Valve (part of 1A) (#1V).....	1.....	_____
Block (#2A).....	1.....	_____
Gasket, Garloc 951, 15/16 dia. x 1/16 (#2B)....	10.....	_____
Clamp (#2C).....	1.....	_____
Set Screw (#2D).....	1.....	_____
Chain (#8A).....	1.....	_____
Yoke (#8B).....	1.....	_____
Cap Screw (#8C).....	1.....	_____
Steel Patch (#8D).....	1.....	_____
Gasket, Neoprene, 2-1/2 sq. x 1/8 (#8E).....	3.....	_____
Wrench, 3/8 sq. box, 1-½ open end x 5-1/8 (#200)...	1.....	_____
Wrench, straight open end, 1-½x1-1/8x12-3/8 (#201)...	1.....	_____
Wrench, double box 7/16 x 9/16 x 8-3/8 (#203)....	1.....	_____
Hammer, Machinist 3 lb (#A-1).....	1.....	_____
Hacksaw, 10" and 3 blades (#A-2).....	1.....	_____
Drift Pin, 9/32 x 1/2 x 6 (#A-3).....	2.....	_____
Drift Pin, 7/8 x 1-1/4 x 8 (#A-4).....	2.....	_____
Ring, vent valve packing, set of 5, 7/8 OD x 15/32 ID x 1/4 sq. (#A-5).....	5.....	_____
Metal Railroad Car Seal (#A-6).....	15.....	_____
Gasket Sack (#A-7).....	1.....	_____
Paint Scraper, 1-1/4 blade (#A-8).....	1.....	_____
Valve Yoke (#A-9).....	1.....	_____
Valve Adapter (823 - Hose) (#A-10).....	1.....	_____
Packing Pick #8 (#A-11).....	1.....	_____
Washer, valve outlet 35/64 ID x 15/16 OD x 1/16 (#A-12).....	5.....	_____
Plastic Box (#A-13).....	1.....	_____
File, 8" (#A-14).....	1.....	_____

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
*Chlorine Institute Emergency Kit "A" (con't)		
Tool Room (#144).....	1.....	_____
Steel Box (#152A).....	1.....	_____
*Chlorine Institute Emergency Kit "B"		
Hood (#4A).....	1.....	_____
Gasket, Neoprene, 4OD x 2-3/8 ID x 1/4 (#4B).....	3.....	_____
Yoke (#4C).....	1.....	_____
Gasket, Garlock, 1-1/2 OD x 11/16 ID x 1/16 (#4D).....	3.....	_____
Stud (#4E).....	1.....	_____
Cap Nut (#4F).....	1.....	_____
Gasket, Garlock, 15/16 dia. x 1/16 (#4G).....	5.....	_____
Chain (#9A).....	1.....	_____
Yoke (#9B).....	1.....	_____
Cap Screw (#9C).....	1.....	_____
Steel Patch (#9D).....	1.....	_____
Gasket, Neoprene, 3" sq. x 1/8 (#9E).....	3.....	_____
Hood Assembly (#12A).....	1.....	_____
Gasket, Neoprene, 5 OD x 2 ID x 1/4 (#12B).....	3.....	_____
Gasket, Neoprene, 5 OD x 2 ID x 1/2 (#12BB).....	1.....	_____
Bar Assembly (#12C).....	1.....	_____
Gasket, Neoprene, Molded 5-1/5 OD x 2-1/4 ID x 3/4 (#12M).....	1.....	_____
Vent Valve (Part of 12A) (#12V).....	1.....	_____
Wrench, straight open end, 1-14 x 12 (#101).....	1.....	_____
Wrench, socket, 1-1/4 hex (#104).....	1.....	_____
Wrench extension, 1" sq. drive x 9 (#104A).....	1.....	_____
Wrench bar, 1" dia. x 20 (#104B).....	1.....	_____
Wrench, crowfoot special, 1-5/32 x 11 (#106).....	1.....	_____
Wrench, 3/8 sq. box & 1-1/2 open end x 7-1/2 (#200).....	1.....	_____
Drift Pin, 9/32 x 1/2 x 6 (#B-1).....	2.....	_____
Drift Pin, 7/8 x 1-1/4 x 8 (#B-2).....	2.....	_____
Drift Pin, 1-1/6 x 1-7/16 x 8 (#B-3).....	2.....	_____
Ring, vent valve packing (#B-4).....	5.....	_____
Paint Scraper, 1-1/4 blade (#B-5).....	1.....	_____
Hammer, Machinist, 3# (#B-6).....	1.....	_____
Metal Railroad Car Seal (#B-7).....	15.....	_____
Gasket Sack (#B-8).....	1.....	_____
Valve Yoke (#B-9).....	1.....	_____
Valve Adapter (#B-10).....	1.....	_____
Gasket, Garlock 15/16 OD x 9/16 ID x 1/16 (#B-11).....	5.....	_____
Plastic Box (#B-12).....	1.....	_____
Steel Box (#151B).....	1.....	_____
Tool Roll (#153).....	1.....	_____

*Chlorine Emergency Repair Kits (A and B) - Inventory all items separately only if seal is broken on outside of kit.

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
FOOD SUPPLY
CHECKLIST

Location - Control Room Kitchen

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Locker #1		
Case #1		
Meat Flav. Textured Vegetable Protein (#10 can).....	5.....	_____
Bacon Flavored Bits (#10 can).....	1.....	_____
Case #2		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #3		
White Flour (#10 can).....	6.....	_____
Case #4		
Powdered Butter (#10 can).....	6.....	_____
Case #5		
Culinary Capers Cookbook.....	1.....	_____
Plastic lids (#10).....	38.....	_____
Plastic lids (#3).....	5.....	_____
Allocation Sheet.....	1.....	_____
Case #6		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #7		
Cheddar Cheese Mix (#10 can).....	1.....	_____
Egg Mix (#10 can).....	3.....	_____
Geatin Dessert (#10 can).....	2.....	_____
Case #8		
Cornstarch (#10 can).....	1.....	_____
Egg Mix (#10 can).....	1.....	_____
Beef Gravy (#10 can).....	1.....	_____
Salt (#10 can).....	1.....	_____
Beer Bouillion (#10 can).....	1.....	_____
Chicken Gravy (#10 can).....	1.....	_____
Case #9		
Elbow Spaghetti (#10 can).....	2.....	_____
Yellow Cornmeal (#10 can).....	1.....	_____
White Rice (#10 can).....	3.....	_____
Case #10		
Powdered Shortening (#10 can).....	6.....	_____
Case #11		
White Flour (#10 can).....	6.....	_____

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Case #12		
Breakfast Drink (#10 can).....	2.....	_____
Syrup Mix (#10 can).....	2.....	_____
Non-dairy Creamer (#10 can).....	2.....	_____
Case #13		
Multi-purpose Food (#10 can).....	1.....	_____
Pinto Beans (#10 can).....	1.....	_____
Green Beans (#10 can).....	1.....	_____
Banana Chips (#10 can).....	1.....	_____
Chicken Flavored Granules (#10 can).....	1.....	_____
Yam Flakes (#10 can).....	1.....	_____
Case #14		
Crispy Chips (#10 can).....	1.....	_____
Ham Flavored Granules (#10 can).....	1.....	_____
Egg Mix (#10 can).....	1.....	_____
Chili Beans (#10 can).....	1.....	_____
Fruit Galaxy (#10 can).....	1.....	_____
Cracked Wheat Cereal (#10 can).....	1.....	_____
Case #15		
White Flour (#10 can).....	6.....	_____
Case #16		
Chicken Flavored Gravy Mix (#3 can).....	1.....	_____
Orange Drink (#3 can).....	1.....	_____
Baking Powder (#3 can).....	1.....	_____
Yeast (#3 can).....	1.....	_____
Yukon Biscuits (#10 can).....	3.....	_____
Dry Milk (#10 can).....	1.....	_____
Case #17		
Whole Wheat Flour (#10 can).....	5.....	_____
White Flour (#10 can).....	1.....	_____
Case #18		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #19		
Whole Wheat Flour (#10 can).....	6.....	_____
Locker #2		
Case #1		
Dry Beans (#10 can).....	3.....	_____
Quick Cooking Oatmeal (#10 can).....	2.....	_____
Pear Barley (#10 can).....	1.....	_____
Case #2		
Yam Flakes (#10 can).....	1.....	_____
Vegetable Soup Blend (#10 can).....	1.....	_____

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Minced Onions (#10 can).....	1.....	_____
Carrots (#10 can).....	1.....	_____
Green Beans (#10 can).....	1.....	_____
Sweet Corn (#10 can).....	1.....	_____
Case #3		
Apple Flavored Nuggets (#10 can).....	2.....	_____
Fruit Galaxy (#10 can).....	1.....	_____
Peach Slices (#10 can).....	1.....	_____
Apple Nuggets (#10 can).....	1.....	_____
Apple Pieces (#10 can).....	1.....	_____
Case #4		
Granulated Sugar (#10 can).....	6.....	_____
Case #5		
Regular Non-Fat Milk (#10 can).....	6.....	_____
Case #6		
Regular Non-Fat Milk (#10 can).....	6.....	_____
Case #7		
Powdered Shortening (#10 can).....	6.....	_____
Case #8		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #9		
Tomato Crystals (#10 can).....	1.....	_____
Peas (#10 can).....	1.....	_____
Gran. Potatoes w/Milk (#10 can).....	2.....	_____
Diced Potatoes (#10 can).....	1.....	_____
Carrots (#10 can).....	1.....	_____
Case #10		
Salad Blend (#10 can).....	1.....	_____
Dry Milk (#10 can).....	3.....	_____
Egg Mix (#10 can).....	1.....	_____
Mashed Potato (#10 can).....	1.....	_____
Case #11		
Cracked Wheat Cereal (#10 can).....	6.....	_____
Case #12		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #13		
Whole Wheat Flour (#10 can).....	6.....	_____
Case #14		
Whole Wheat Flour (#10 can).....	6.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Hot Shutdown Panel - Corridor - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
EIP Procedures - EIP 8.....	1.....	_____
EIP-18.....	1.....	_____
Operating Procedures FNP-1-UOP-2.1.....	1.....	_____
FNP-1-SOP-2.3.....	1.....	_____
FNP-1-EOP-8.0.....	1.....	_____
FNP-1-STP-29.1.....	1.....	_____
FNP-1-STP-29.2.....	1.....	_____
Headset, sound-powered.....	1.....	_____
Operational.....		_____
Extension cord, headset.....	1.....	_____
Flashlight.....	1.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill

Emergency Use

Other _____

Checked By: _____

Title: _____

Date: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 139 - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Blanket.....	2	_____
Bucket.....	1	_____
Decon. Solution, btl.....	1	_____
First Aid Kit.....	1	_____
Gloves, Disposable, box.....	1	_____
Kimwipes, box.....	1	_____
Mop.....	1	_____
Paper, Absorbent, roll.....	1	_____
Polysheets, roll.....	1	_____
Protective Clothing		
Coveralls (3).....		_____
Cloth Gloves, pr (3).....		_____
Rubber Gloves, pr (3).....		_____
Cloth Shoe Covers, pr (3).....		_____
Rubber Shoe Covers, pr (3).....		_____
Hood (3).....		_____
Surgeons Cap (3).....		_____
Respirator, Full-Face and Cannister.....	2	_____
Next check date prior to filter expiration date.....		_____
Rope, Radiation 100'.....	1	_____
Scissors, pr.....	1	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 100 - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Blanket.....	2.....	_____
Bucket.....	1.....	_____
Decon. Solution, btl.....	1.....	_____
First Aid Kit.....	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Kimwipes, box.....	1.....	_____
Mop.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Polysheets, roll.....	1.....	_____
Protective Clothing		
Coveralls (3).....		_____
Cloth Gloves, pr (3).....		_____
Rubber Gloves, pr (3).....		_____
Cloth Shoe Covers, pr (3).....		_____
Rubber Shoe Covers, pr (3).....		_____
Hood (3).....		_____
Surgeons Cap (3).....		_____
Respirator, Full-Face and Cannister.....	2.....	_____
Next check date prior to filter expiration date.....		_____
Rope, Radiation 100'.....	1.....	_____
Scissors, pr.....	1.....	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2.....	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____
TITLE: _____
DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 83' - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Blanket.....	2.....	_____
Bucket.....	1.....	_____
Decon. Solution, btl.....	1.....	_____
First Aid Kit.....	1.....	_____
Gloves, Disposable, box.....	1.....	_____
Kimwipes, box.....	1.....	_____
Mop.....	1.....	_____
Paper, Absorbent, roll.....	1.....	_____
Polysheets, roll.....	1.....	_____
Protective Clothing		
Coveralls (3).....		_____
Cloth Gloves, pr (3).....		_____
Rubber Gloves, pr (3).....		_____
Cloth Shoe Covers, pr (3).....		_____
Rubber Shoe Covers, pr (3).....		_____
Hood (3).....		_____
Surgeons Cap (3).....		_____
Respirator, Full-Face and Cannister.....	2.....	_____
Next check date prior to filter expiration date.....		_____
Rope, Radiation 100'.....	1.....	_____
Scissors, pr.....	1.....	_____
Signs		
Airborne Radioactivity Area (3).....		_____
Contaminated Area (3).....		_____
High Radiation Area (3).....		_____
Radiation Area (3).....		_____
Tape, Masking, roll.....	2.....	_____

REASON FOR INSPECTION

Monthly Lock Broken
Quarterly Post-Drill Emergency Use
Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Hot Shutdown Panel - Communications Room - Unit 1

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
EIP Procedures - EIP 8.....	1.....	_____
EIP-18.....	1.....	_____
Operating Procedures FNP-1-UOP-2.1.....	1.....	_____
FNP-1-SOP-2.3.....	1.....	_____
FNP-1-EOP-8.0.....	1.....	_____
FNP-1-STP-29.1.....	1.....	_____
FNP-1-STP-29.2.....	1.....	_____
Headset, sound-powered.....	1.....	_____
Operational.....		_____
Extension cord, headset.....	1.....	_____
Flashlight.....	1.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill

Emergency Use

Other _____

Checked By: _____

Title: _____

Date: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Hot Shutdown Panel - Corridor - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
EIP Procedures - EIP 8.....	1.....	_____
EIP-18.....	1.....	_____
Operating Procedures FNP-2-UOP-2.1.....	1.....	_____
FNP-2-SOP-2.3.....	1.....	_____
FNP-2-EOP-8.0.....	1.....	_____
FNP-2-STP-29.1.....	1.....	_____
FNP-2-STP-29.2.....	1.....	_____
Headset, sound-powered.....	1.....	_____
Operational.....		_____
Extension cord, headset.....	1.....	_____
Flashlight.....	1.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill

Emergency Use

Other _____

Checked By: _____

Title: _____

Date: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Hot Shutdown Panel - Communications Room - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
EIP Procedures - EIP 8.....	1.....	_____
EIP-18.....	1.....	_____
Operating Procedures FNP-2-UOP-2.1.....	1.....	_____
FNP-2-SOP-2.3.....	1.....	_____
FNP-2-EOP-8.0.....	1.....	_____
FNP-2-STP-29.1.....	1.....	_____
FNP-2-STP-29.2.....	1.....	_____
Headset, sound-powered.....	1.....	_____
Operational.....		_____
Extension cord, headset.....	1.....	_____
Flashlight.....	1.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly Post-Drill

Emergency Use

Other _____

Checked By: _____

Title: _____

Date: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

*Location - Auxiliary Building, El. 83 - Unit 2

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Respirator		
Self-Contained Breathing Apparatus (1).....		_____
Full Tank.....		_____
Regulator and warning device operational.....		_____

REASON FOR INSPECTION

Monthly

Post-Drill Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIES
CHECKLIST

Location - Technical Support Center

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Abnormal Operating Procedures, Unit 1, set.....	1	_____
Abnormal Operating Procedures, Unit 2, set.....	1	_____
Dictionary (Document Room).....	1	_____
Emergency Operating Procedures, Unit 1, set.....	1	_____
Emergency Operating Procedures, Unit 2, set.....	1	_____
Emergency Plan.....	1	_____
Emergency Plan Implementing Procedures, set.....	1	_____
FNP-0-RCP-25, C&HP Activities During an Emergency.....	1	_____
FNP-0-SOP-56.1, TSC HVAC System.....	1	_____
INPO Emergency Resources Manual.....	1	_____
10CFR20	1	_____
First Aid Kit.....	1	_____
Radios (two-way) - Cabinet		
Security.....	1	_____
Operational.....		_____
Plant.....	1	_____
Operational.....		_____
Division.....	1	_____
Operational.....		_____
Records Materials - Monitoring Area (Filing Cabinet)		
Clips, bulldog, small, box.....	2	_____
Clips, bulldog, medium, box.....	2	_____
Clips, bulldog, large, box.....	2	_____
Clips, paper, small, box.....	10	_____
Clips, paper, medium, box.....	10	_____
Clips, paper, large, box.....	2	_____
Envelopes, routing, letter size.....	36	_____
Envelopes, routing, legal size.....	36	_____
Eraser.....	2	_____
Hi-liter, blue, box.....	4	_____
Hi-liter, green, box.....	4	_____
Hi-liter, pink, box.....	4	_____
Hi-liter, yellow, box.....	4	_____
Liquid paper, regular, bottle.....	12	_____
Liquid paper, copier type, bottle.....	12	_____
Marker, black, box.....	1	_____
Marker, blue, box.....	1	_____
Marker, green, box.....	1	_____
Marker, red, box.....	1	_____
Paper, pad.....	30	_____
Pen, ballpoint, medium point, black.....	36	_____
Pen, ballpoint, medium point, red.....	36	_____
Pen, felt tip, black.....	36	_____
Pen, felt tip, red.....	36	_____
Pencils, box.....	4	_____
Pencil trimmer.....	2	_____
Rubber bands, large, box.....	1	_____
Rubber bands, regular, box.....	1	_____
Ruler.....	2	_____
Scissors, pair.....	2	_____

<u>Description</u>	<u>Quantity</u>	<u>Initials</u>
Stapler.....	2.....	_____
Staples, box.....	2.....	_____
Staple remover.....	2.....	_____
Telephone call memo pad.....	20.....	_____
Records Materials - Planning & Coordination Area - Each Desk		
Clips, assorted set.....	1.....	_____
Hi-liter, assorted colors.....	2.....	_____
Paper, pad.....	2.....	_____
Pen, ball point, assorted colors (black & red).....	2.....	_____
Pen, felt tip, assorted colors (black & red).....	2.....	_____
Pencils.....	2.....	_____
Standard Technical Specifications, Unit 1.....	1.....	_____
Standard Technical Specifications, Unit 2.....	1.....	_____
Technical Manuals (Document Room), set.....	1.....	_____
Telephone directory, APCo (Document Room).....	4.....	_____
Telephone directory, Southeast Division.....	2.....	_____
Telephones		
Communications Area		
6014 CBX.....	1.....	_____
Operational.....	_____	_____
Communications Cabinet		
ENN (white phone).....	1.....	_____
NRC Ring down (red phone).....	1.....	_____
6015 CBX w/speaker.....	1.....	_____
Operational.....	_____	_____
1155 OPX.....	1.....	_____
Operational.....	_____	_____
1601 OPX w/speaker.....	1.....	_____
Operational.....	_____	_____
Sound powered jack (operational).....	1.....	_____
Desks		
6016 CBX (Emergency Director).....	1.....	_____
Operational.....	_____	_____
6017 CBX (Operations Manager).....	1.....	_____
Operational.....	_____	_____
6018 CBX (Maintenance Manager).....	1.....	_____
Operational.....	_____	_____
6011 CBX (Technical Manager).....	1.....	_____
Operational.....	_____	_____
6012 CBX (H.P. Manager).....	1.....	_____
Operational.....	_____	_____
Filing Cabinet - Monitoring Area		
6010 CBX (Monitoring Area).....	1.....	_____
Operational.....	_____	_____
6013 CBX (NRC).....	1.....	_____
Operational.....	_____	_____
6019 CBX (NRC).....	1.....	_____
Operational.....	_____	_____
Unit Operating Procedures, Unit 1, set.....	1.....	_____
Unit Operating Procedures, Unit 2, set.....	1.....	_____

REASON FOR INSPECTION

Lock Broken

Quarterly

Post-Drill

Emergency Use

Other _____

CHECKED BY: _____

TITLE: _____

DATE: _____

EMERGENCY PLAN
EQUIPMENT AND SUPPLIED
CHECKLIST

Locations of Fire Brigade Protective Clothing

I. Two Central Locations (5 Lockers at Each)

- A. Unit #1 Aux Bldg. (El-155') Corridor adjacent to Control Room (S. End). Each locker contains coat, helmet, gloves, and boots for one individual. The following equipment is distributed to the five cabinets as space allows:

<u>Description</u>	<u>Quantity</u>
Crowbar	1
Fire Axes	2
Fire Rescue Suit	1
Hand Lantern	1
Rope, Coil $\frac{1}{2}$ diam 100'	1

- B. Unit #1 Turbine Bldg. (El-155") N. Wall at entrance to Unit #2 Turbine Bldg. The following equipment is stored at this location.

<u>Description</u>	<u>Quantity</u>
Foam Cart	1
Hand Lantern	1

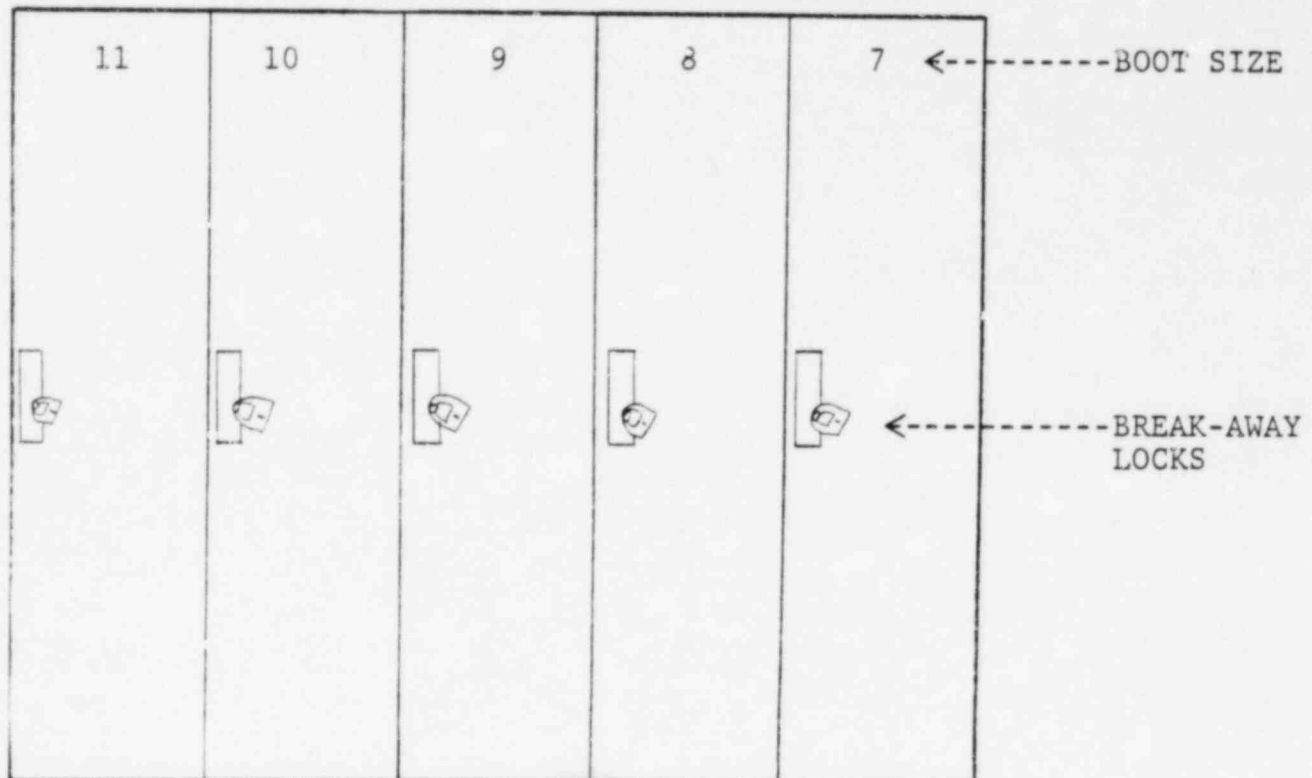
II. Single Locations(1 Locker At Each)

- A. Service Water Structure
- B. River Water Structure - Train "A"

III. Diesel Bldg (2 Lockers)

The following equipment is stored at this location.

<u>Description</u>	<u>Quantity</u>
Foam Cart(Outside Diesel (Generator Room 2B)	1



TYPICAL CENTRAL LOCATION

REASON FOR INSPECTION

Quarterly _____
 Post-Drill _____
 Lock Broker _____
 Other _____

Emergency Use

CHECKED BY: _____

TITLE: _____

DATE: _____

Emergency Planners Review _____

PLANT EMERGENCY VEHICLE WEEKLY CHECK LIST

DESCRIPTIONINITIALS

- | | | |
|--|-------------|-------|
| 1. Check engine coolant level | SAT./UNSAT. | _____ |
| 2. Start vehicle | SAT./UNSAT. | _____ |
| 3. Test drive | | |
| a. Drive vehicle, minimum
of 5 minutes | | _____ |
| b. Establish two-way radio
communications with Security
Tower. | | _____ |
| c. Check the clutch | SAT./UNSAT | _____ |
| d. Check the brakes | SAT./UNSAT. | _____ |
| e. Check the steering | SAT./UNSAT. | _____ |
| f. Check the transmission | SAT./UNSAT. | _____ |
| 4. Visual Check | | |
| a. Tires inflated | SAT./UNSAT | _____ |
| b. Cooling system
hoses and clamps | SAT./UNSAT | _____ |
| c. Fan belts condition | SAT./UNSAT. | _____ |
| d. Engine oil level | SAT./UNSAT. | _____ |
| e. Battery water level | SAT./UNSAT. | _____ |
| f. All lights operable | SAT./UNSAT. | _____ |
| g. Gasoline tank near full** | SAT./UNSAT. | _____ |
| h. Windshield wipers | SAT./UNSAT. | _____ |
| i. Doors locked | SAT./UNSAT. | _____ |
| j. Trauma case present
(Blue color) | SAT./UNSAT. | _____ |

*NOTE: Any unsatisfactory mechanical conditions will be reported to Maintenance via a Shop Work Order and the Shift Supervisor will be notified of the plant emergency vehicle status.

**NOTE: Security will maintain the plant emergency vehicle gasoline tank near full.

CHECKED BY: _____

TIME: _____

DATE: _____

EMERGENCY PLAN
EMERGENCY DIRECTOR OFFSITE PROCEDURE PACKET
CHECKLIST

Location - (check if satisfactory)

Document (one per location)	Plant Manager's Vehicle	Assistant Plant Manager's Vehicle	Operations Superintendent's Vehicle
FNP-0-CIP-1.....	_____	_____	_____
FNP-0-CIP-2.....	_____	_____	_____
FNP-0-CIP-3.....	_____	_____	_____
FNP-0-CIP-4.....	_____	_____	_____
FNP-0-CIP-5.....	_____	_____	_____
FNP-0-CIP-6.....	_____	_____	_____
FNP-0-CIP-7.....	_____	_____	_____
FNP-0-CIP-8.....	_____	_____	_____
FNP-0-CIP-9.....	_____	_____	_____
FNP-0-CIP-10.....	_____	_____	_____
FNP-0-CIP-11.....	_____	_____	_____
FNP-0-CIP-12.....	_____	_____	_____
FNP-0-CIP-13.....	_____	_____	_____
FNP-0-CIP-14.....	_____	_____	_____
FNP-0-CIP-15.....	_____	_____	_____
FNP-0-CIP-16.....	_____	_____	_____
FNP-0-CIP-17.....	_____	_____	_____
FNP-0-CIP-18.....	_____	_____	_____
FNP-0-CIP-19.....	_____	_____	_____
FNP-0-CIP-20.....	_____	_____	_____
FNP-0-CIP-23.....	_____	_____	_____
FNP-0-CIP-24.....	_____	_____	_____
FNP-0-CIP-25.....	_____	_____	_____
FNP-0-CIP-26.....	_____	_____	_____
FNP-0-CIP-27.....	_____	_____	_____
FNP-0-EIP-3.....	_____	_____	_____
FNP-0-EIP-8.....	_____	_____	_____
FNP-0-EIP-9.....	_____	_____	_____
FNP-0-EIP-10.....	_____	_____	_____
FNP-0-EIP-11.....	_____	_____	_____
FNP-0-EIP-12.....	_____	_____	_____
FNP-0-EIP-13.....	_____	_____	_____
FNP-0-EIP-17.....	_____	_____	_____
FNP-0-EIP-18.....	_____	_____	_____
FNP-0-EIP-19.....	_____	_____	_____
FNP-0-EIP-26.....	_____	_____	_____
FNP-0-EIP-29.....	_____	_____	_____
GO-EIP-112.....	_____	_____	_____
10CFR20.....	_____	_____	_____

REASON FOR INSPECTION

Monthly
Post Drill
Emergency Use

CHECKED BY: _____
TITLE: _____
DATE: _____