

Southern Nuclear
Operating Company, Inc.
Post Office Drawer 470
Ashford, Alabama 36312

Date: May 2, 2003



Director, Office of NRC
Att: Document Control Desk
C/O Jim McKnight
US Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

ENCLOSED IS THE LATEST REVISION FOR FARLEY NUCLEAR PLANT EMERGENCY
PLAN IMPLEMENTING PROCEDURE 8.0.

**FNP-0-EIP-8.0 REVISION 101 NON-EMERGENCY NOTIFICATIONS
(1 COPY)**

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IF YOU HAVE ANY QUESTIONS, PLEASE CALL ME AT 334-899-5156 EXTENSION 3439.

Sincerely,

A handwritten signature in cursive script that reads "Joey Hudspeth".

Joey Hudspeth
Document Control Supervisor

A045

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FNP-0-EIP-8.0
March 17, 2003
Version 101

FARLEY NUCLEAR PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
FNP-0-EIP-8.0

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NON-EMERGENCY NOTIFICATIONS

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PROCEDURE USAGE REQUIREMENTS PER FNP-0-AP-6	SECTIONS
Continuous Use	
Reference Use	ALL
Information Use	

Approved:



Nuclear Plant General Manager



Date Issued

5-1-03

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NON-EMERGENCY NOTIFICATIONS

1.0 Purpose

This procedure delineates the 48-hour or less reporting requirements for events that occur at the plant that do not result in the declaration of an emergency classification.

2.0 References

See Table 1.

3.0 General

- 3.1 For declared emergencies, reporting requirements are described in FNP-0-EIP-9.0. A fire or personnel injury may require notifications from both procedures.
- 3.2 Prior to using this procedure to make a non-emergency report, determine if emergency declaration is required, using FNP-0-EIP-9.0.
- 3.3 Farley Nuclear Plant is required to notify the NRC Operations Center via the Emergency Notification System of the non-emergency events specified in paragraphs 7.0, 10.0, and 12.0 that occurred within three years of the date of discovery.
- 3.4 Notification Responsibility. In the event of certain occurrences at Farley Nuclear Plant, several off-site authorities must be notified. It is the responsibility of plant officials to make the notifications to the appropriate authorities. The plant officials responsible for official notifications are:
 - Shift Supervisor
 - Operations Shift Superintendent
 - Emergency Director
- 3.5 The On-Call Emergency Director (ED) will be informed by the Operations Shift Superintendent (OSS) of any notification required by this procedure. The OSS is responsible for notifying the ED and the Emergency Support Manager (ESM)/SNC Duty Manager for those situations listed in this procedure that require them to be notified. Notification of the ESM/SNC Duty Manager may be done by the ED if agreed to by the ED and the OSS at time of notification. The ED will determine if the Recovery Manager (RM)/EOF Manager needs to be informed of the notification immediately. If the RM/EOF Manager is to be notified immediately, the ED will make the notification or direct the OSS to do so.

- 3.6 Incident Notification Form, Figure 1, will be used for transmitting Non-Emergency and Security Notifications to the NRC Operations Center (NRCOC).
 - 3.7 Communication equipment operating instructions are located in FNP-0-EIP-8.3. Plant personnel who are familiar with the use of the equipment are not required to have the procedure with them when using the equipment.
 - 3.8 Emergency phone numbers are located in FNP-0-EIP-8.1.
 - 3.9 The plant notification roster, which contains the home addresses and phone numbers of the plant staff, is located in FNP-0-EIP-8.2.
 - 3.10 The On-Call Memo contains the phone number and beeper number of all members of the plant staff who are on call. This memo is located at the front of the Emergency Phone Directory, FNP-0-EIP-8.1.
 - 3.11 If the NRCOC is being notified, notify the NRC resident in association with that notification. Notify the NRC resident at other times when it is deemed appropriate by the ED or on shift supervision. The notification of the resident has no specific time requirement.
- 4.0 Notification Means
- 4.1 The NRCOC shall be contacted by use of the FTS Emergency Notification System (ENS) for notifications required in one hour, four hours, or eight hours of the occurrence or event.
 - 4.2 Phone numbers for use on the FTS ENS are located on labels on the ENS phones or can be found in FNP-0-EIP-8.1.
 - 4.3 For ENS failures, any other FTS phone located in the TSC and the EOF can be used to contact the NRCOC by dialing the same numbers as listed on the ENS phones. Refer to FNP-0-EIP-8.1 for phone locations.
 - 4.4 For ENS or FTS failures, any commercial phone line can be used to contact the NRCOC by accessing an outside line, dialing 1, and then the phone number as listed on the ENS phones.
 - 4.5 Other agencies or individuals can be contacted by using the commercial phones. The phone numbers are located in FNP-0-EIP-8.1.

5.0 Notifications for EIP-11, "Handling of Injured Personnel"

NOTE: During a declared emergency the Emergency Director will direct all of the EIP-11 notifications. When there is no declared emergency the OSS should continue with the ED notifications until the ED arrives on site or otherwise relieves the OSS of the responsibility.

- 5.1 Ensure all required FNP-0-EIP-11.0, Guideline 1, notifications are completed.
- 5.2 Notify the Emergency Support Manager/ SNC Duty Manager
- 5.3 Notify the Recovery Manager/EOF Manager if required by the On-Call ED.
- 5.4 Notify office of Alabama Radiation Control if a radiation casualty is to be transported to an off-site medical facility.
- 5.5 Notify the NRC, per step 12.5, if the injury requires the transport of a radioactively contaminated person to an off-site medical facility. If the NRCOC is being notified, notify the NRC resident in conjunction with that notification.
- 5.6 Occupational Safety and Health Administration (OSHA) shall be notified within 8 hours after learning of a single fatality or in-patient hospitalization of three or more employees as a result of a single work related accident. This requirement applies to any fatality or hospitalization that occurs within 30 days of the work related accident. The OSHA phone number is located in FNP-0-EIP-8.1.

Report the establishment name, contact name and phone number, number of individuals involved, location, time, and a brief description of the incident.

- 5.7 Refer to the following steps if a transportation accident is involved with an injury or fatality:
 - Step 10.4
 - Step 17.4
 - Step 17.7
 - Step 19.0
- 5.8 Refer to the following step if radiation overexposure has occurred or is suspected.
 - Step 11.2
- 5.9 If the NRC has not been notified of the event for other reasons refer to step 14.0 for possible additional notification requirements.

6.0 Notification for EIP-13, "Fire Emergencies"

CAUTION: A PLANT FIRE MAY REQUIRE AN EMERGENCY DECLARATION, DEPENDING ON WHAT EQUIPMENT HAS FAILED.

NOTE: During a declared emergency, the Emergency Director will direct all of the EIP-13 notifications. When there is no declared emergency the OSS should continue with the ED notifications until the ED arrives on site or otherwise relieves the OSS of the responsibility.

NOTE: Notifications are required for all plant fires including small fires and hydrogen vent stack fires. EXCEPTION: Notifications are not required for intentionally set fires at the Fire Training Facility.

- 6.1 The OSS shall ensure the following are notified:
 - 6.1.1 Plant Fire Brigade if needed.
 - 6.1.2 When requesting support for Dothan Fire Department (DFD) to FNP, provide the responder with the route to take to the site to avoid unnecessary radiological exposure, if applicable.
 - 6.1.3 Dothan Fire Department, if needed. Call DFD and request that DFD call back to verify the request for assistance. When DFD calls, verify the need for assistance.
 - 6.1.4 Plant Security, if the fire involves breaches of plant security or if off-site agencies are to be escorted on-site.
 - 6.1.5 The On-Call Emergency Director.
 - 6.1.6 The Plant Fire Marshall, or in the event the Fire Marshall cannot be reached, Engineering Support supervision.
 - 6.1.7 When requesting support from Air Products to FNP, provide the responder with the route to take to the site to avoid unnecessary radiological exposure, if applicable.
 - 6.1.8 Air Products, if the emergency involves a liquid hydrogen tank, a liquid oxygen tank, or associated use systems.
- 6.2 The ED shall notify:
 - 6.2.1 Appropriate portions of the Plant Emergency Organization.

- 6.2.2 Emergency Support Manager/SNC Duty Manager, if PCB transformers are involved in the fire-related incident. Provide ESM/SNC Duty Manager with appropriate Environmental Protection Agency notification information from FNP-0-EIP-13.0.
- 6.2.3 NRC (notification to be made as required by appropriate emergency classification.) If the NRCOC is being notified, notify the NRC resident in conjunction with that notification.

NOTE: See Step 8.0 for One-Hour Special Nuclear Material Reports. See Step 9.0 for One-Hour Reportable Safeguards Events.

7.0 One-Hour Technical Specifications Deviation Report [10CFR 50.72(b)(1)].

If not reported as a declaration of an emergency class per FNP-0-EIP-9.0, the NRC Operation Center and the Emergency Support Manager/SNC Duty Manager shall be notified by the OSS or the Emergency Director within one hour of the occurrence of: any deviation from the plant's Technical Specifications authorized pursuant to 10CFR50.54(x) (i.e., a deviation from Technical Specifications dictated by emergency conditions. (Figure 1 will be used): [10CFR 50.72(b)(1)]

Notify the NRC resident in conjunction with this notification.

8.0 One-Hour Special Nuclear Material Control and Accountability Manual, (10CFR72.74)

The OSS or Emergency Director shall notify the NRC Operations Center and Emergency Support Manager/SNC Duty Manager within one hour of occurrence of any of the following:

Notify the NRC resident in conjunction with this notification.

8.1 Any accidental criticality (10CFR72.74.a).

8.2 Any loss of licensed special nuclear material as defined in Reference 10 (10CFR72.74.a).

9.0 One-Hour Reportable Safeguards Events, 10CFR73, Appendix G

The OSS or the Emergency Director shall notify the NRC Operations Center and the Emergency Support Manager/SNC Duty Manager within one hour of the occurrence of the events classified as one hour in Table 2 (SECURITY REPORTABILITY MATRIX). The Licensing Supervisor will prepare a follow-up written report per FNP-0-AP-30. The report shall be documented by completion of the applicable portions of Figure 1.

Notify the NRC resident in conjunction with this notification.

10.0 Four-Hour 50.72 Reports [(10CFR50.72(b)(2)).

If not reported as a declaration of an emergency class or as a one hour non emergency report, the NRC Operations Center and Emergency Support Manager/SNC Duty Manager shall be notified by the OSS or the Emergency Director as soon as practical and in all cases within four hours of the occurrence of any of the following (Figure 1 will be used):

Notify the NRC resident in conjunction with this notification.

- 10.1 The initiation of any nuclear plant shutdown required by Technical Specifications. [10CFR50.72(b)(2)(i)]
- 10.2 Any event that results or should have resulted in Emergency Core Cooling System (ECCS) discharge into the reactor coolant system as a result of a valid signal except when the actuation results from and is part of a pre-planned sequence during testing or reactor operation. [(10CFR50.72(b)(2)(iv)(A)).
- 10.3 Any event or condition that results in actuation of the reactor protection system (RPS) when the reactor is critical except when the actuation results from and is part of a pre-planned sequence during testing or reactor operation. [10CFR50.72(b)(2)(iv)(B)]

NOTE: Paragraph 10.4 also satisfies section 4.1 of the FNP Environmental Protection Plan.

- 10.4 Any event or situation related to the health and safety of the public or onsite personnel or to protection of the environment, for which a news release is planned or notification to other government agencies has been or will be made. [10CFR50.72(b)(2)(xi)]

Examples:

- An onsite fatality - See section 5 for possible additional reporting requirements.
- Inadvertent release of radioactively contaminated materials.
- Notification of governmental agencies required by FNP-0-AP-60.

11.0 Four Hour Radioactive Material Reports [(10CFR20.2201 or 2202)].

If not reported as a declaration of an emergency class or as a one hour non emergency report, the NRC Operations Center and Emergency Support Manager/SNC Duty Manager shall be notified by the OSS or the Emergency Director as soon as practical and in all cases within four hours of the occurrence of any of the following (Figure 1 will be used):

Notify the NRC resident in conjunction with this notification.

- 11.1 Any loss or theft of licensed material in an aggregate quantity equal to or greater than 1000 times the quantity specified in Appendix C of 10CFR20 and under such circumstances that it appears that an exposure could result to persons in unrestricted areas. Immediate notifications made under this paragraph satisfies the requirements of paragraph a (1) of 10CFR20.2201.

NOTE: Steps 11.2 and 11.3 are actually 24 hours notification requirements. The four hours notification requirements are approximately 5 times these values. Farley Nuclear Plant has taken the position that we will make the four hours notification if either limit is exceeded.

- 11.2 Any event involving licensed material that may have caused or threaten to cause an individual to receive any of the doses listed in the below table. Notifications made under this paragraph satisfy the requirements of paragraphs a (1) and b (1) of 10CFR20.2202. See section 5 for possible additional reporting requirements.

TOTAL EFFECTIVE DOSE EQUIVALENT	EYE DOSE	SHALLOW DOSE EQUIVALENT	HOT PARTICLES (See Information Notice 90-48)	
			IN CONTACT WITH SKIN	NOT IN CONTACT WITH SKIN
TEDE	LDE	SKIN OR EXTREMITIES	WHOLE BODY OR EXTREMITIES	
5 REM	15 REM	50 REM	75 μ ci-hr	50 RAD

- 11.3 The release of radioactive material, inside or outside of a restricted area, so that, had an individual been present for 24 hours, the individual could have received an intake in excess of one occupational annual limit on intake (the provisions of this paragraph do not apply to locations where personnel are not normally stationed during routine operations, such as hot-cells or process enclosures). Notifications made under this paragraph satisfy the requirements of paragraphs a (2) and b (2) of 10CFR20.2202. See section 5 for possible additional reporting requirements.

12.0 Eight-Hour Reports [(10CFR50.72(b)(3)).

If not reported as a declaration of an emergency class or as a one hour or four hour non emergency report, the NRC Operations Center and Emergency Support Manager/SNC Duty Manager shall be notified by the OSS or the Emergency Director as soon as practical and in all cases within eight hours of the occurrence of any of the following (Figure 1 will be used):

Notify the NRC resident in conjunction with this notification.

- 12.1 Any event or condition that results in the condition of the nuclear power plant, including its principal safety barriers being seriously degraded.
[(10CFR50.72(b)(3)(ii)(A))]
- 12.2 Any event or condition that results in the nuclear power plant being in an unanalyzed condition that significantly degrades plant safety.
[(10CFR50.72(b)(3)(ii)(B))]
- 12.3 Any event or condition that results in valid actuation of any of the systems listed below except when the actuation results from and is part of a pre-planned sequence during testing or reactor operation. [(10CFR50.72(b)(3)(iv)(A))]
 - (1) Reactor protection system (RPS) including reactor trip. Actuation of the RPS when the reactor is critical is reportable under step 10 as a four hour report.
 - (2) General containment isolation signals affecting containment isolation valves in more than one system or multiple main steam isolation valves (MSIVs).
 - (3) Emergency core cooling systems (ECCS) including: high-head and low-head injection systems.
 - (4) Auxiliary feedwater system.
 - (5) Containment heat removal and depressurization systems, including containment spray and fan cooler systems.
 - (6) Emergency ac electrical power systems, including emergency diesel generators (EDGs).

- 12.4 Any event or condition that at the time of discovery could have prevented the fulfillment of the safety function of structures or systems that are needed to:
[(10CFR50.72(b)(3)(v))]

- (1) Shut down the reactor and maintain it in a safe shutdown condition,
- (2) Remove residual heat,
- (3) Control the release of radioactive material,
- (4) Mitigate the consequences of an accident.

Events covered in this step may include:

1. one or more procedural errors,
2. equipment failures,
3. discovery of design, analysis, fabrication, construction, and/or procedural inadequacies.

However, individual component failures need not be reported pursuant to this step if redundant equipment in the same system was operable and available to perform the required safety function.

- 12.5 Any event requiring the transport of a radioactively contaminated person to an off-site medical facility for treatment [(10CFR50.72(b)(3)(xii))]. See step 5 for possible additional reporting requirements.
- 12.6 Any event that results in a major loss of emergency assessment capability, off-site response capability, or offsite communications capability.
[(10CFR50.72(b)(3)(xiii))]

Examples:

- 12.6.1 Emergency Response Facilities (one of the following inaccessible or unusable and the facility cannot be restored within 75 minutes of being required [(10CFR50.72(b)(3)(xiii))].

- TSC
- EOF

12.6.2 Emergency communications facilities and equipment (one of the following inoperable for over one hour) [(10CFR50.72(b)(3)(xiii))].

- ENS (Refer to FNP-0-EIP-8.3 to report any FTS failure to the NRC to start repairs for the failed system.)
- ENN, loss of ability to communicate with the State of Alabama (Dothan AND Montgomery)
- ENN, loss of ability to communicate with the State of Georgia (Blakely AND Atlanta)
- Microwave communications via Met Tower (total loss)
- Land line communications via Ashford Phone Company and the Dothan Phone company (total loss)

12.6.3 Public Prompt Notification System [(10CFR50.72(b)(3)(xiii))].

- Tone alert radio system inoperable for one hour.
- Siren control panel or repeater at Houston County Courthouse inoperable for one hour.
- Simultaneous loss of Gordon, Ashford, and Columbia sirens for one hour.
- Notification that the tone alert radio system or all three sirens have failed their functional test. If it is determined that the eight-hour report was not necessary, then a corrected report is to be made to the NRC.
- On site and off-site equipment failures will be reported to Information Resources.

12.6.4 Emergency Assessment Capability [(10CFR50.72(b)(3)(xiii))].

- Loss of multiple plant monitors necessary for accident assessment (required to use action statement F or G of Post Accident Monitor Technical Specification 3.3.3 for four or more functions listed in table 3.3.1).
- Loss of the SPDS system and other assessment equipment greater than 24 hours.

- 13.0 Security Quarterly Log. Security Supervision shall record certain events in the Reportable Safeguards Event Quarterly Log within 24 hours of occurrence. Security Supervision will periodically have a copy of Safeguards Event Quarterly Log entries transmitted to Document Control for retention.

Events that are to be recorded in the Security Quarterly Log are described in Table 2 (SECURITY REPORTABILITY MATRIX).

- 14.0 Fitness-For-Duty Events [10CFR26.73, NUREG-1385]. The OSS or the Emergency Director shall notify the NRC Operations Center and Emergency Support Manager/SNC Duty Manager within 24 hours of the occurrence of any of the following. The report shall be documented by completion of the applicable portions of Figure 1.

Notify the NRC resident in conjunction with this notification.

- 14.1 Sale, use or possession of illegal drugs within the protected area.
 - 14.2 Commission of any of the following acts by a licensed operator, senior operator or supervisory employee (SNC or contractor).
 - 14.2.1 Sale, use, or possession of a controlled substance.
 - 14.2.2 Confirmed positive test for a controlled substance.
 - 14.2.3 Use of alcohol within the protected area.
 - 14.2.4 Determination that the employee is unfit for scheduled work due to the consumption of alcohol.
 - 14.3 Fitness-for-duty events shall be reported under 10CFR26.73 (§9.3), rather than under 10CFR73.71 (§9.1).
- 15.0 Miscellaneous Notifications
- 15.1 Reactor Trip Breaker Failures (Generic Letter 83-28 Commitment). Other circumstances requiring NRC notification within 24 hours by commercial telephone.
 - 15.1.1 Any failure of the UV trip attachment on either a reactor trip breaker or bypass breaker to open or close during functional testing or while in service.
 - 15.1.2 Any failure of a reactor trip breaker or bypass breaker to open on demand, either in service or during surveillance testing by either the under voltage trip or the shunt trip.

15.2 Overdue Nuclear Fuel Transport Vehicle (10CFR73.67).

The OSS shall notify the On-Call Reactor Engineer when a nuclear fuel transport vehicle is over four hours overdue, based on its scheduled arrival time. The On-Call Reactor Engineer will initiate a trace investigation to determine if the shipment is lost, stolen or diverted.

15.3 Inadvertent Siren/Tone Alert Radio Activation

The OSS or Emergency Director shall notify the Houston County Emergency Management Agency (EMA) upon an inadvertent activation of the tone alert radio system, or an inadvertent activation of the Ashford, Columbia, or Gordon alert siren. Refer to FNP-0-EIP-2.0 for additional requirements.

16.0 48-Hour Reports (10CFR50.9 (b)), Significant Event, Condition or Information)

If not reported under another paragraph of this procedure, the NRC Operations Center and Emergency Support Manager/SNC Duty Manager shall be notified by the OSS or the Emergency Director within 48 hours (or within two working days) of an event, condition, or newly discovered information that has a significant implication for public health and safety (Figure 1 will be used). Such an event, condition, or new information is reportable under 10CFR50.9 (b) if it meets both of the following criteria:

Notify the NRC resident in conjunction with this notification.

16.1 It is not reportable under any other NRC notification or updating requirement.

16.2 It has a significant implication for public health and safety or common defense and security. Significant means that:

16.2.1 It is relevant to the NRC in its regulatory capacity. Information relating solely to economics, labor relations or industrial safety may not be relevant to the NRC's nuclear safety role.

AND

16.2.2 It is material, in that it would have a tendency to influence the NRC on the issue of regulatory compliance.

17.0 Additional Emergency Support Manager/SNC Duty Manager Notifications

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

The OSS (unless specifically relieved of such responsibility on an event-by-event basis by the Nuclear Plant General 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 Support Manager/SNC Duty Manager:

- 17.1 Any initiation of an event as outlined sections 7, 8, 9, 10, 11, 12 and 16 of this procedure (taken from 10CFR50, paragraph 50.72).
- 17.2 "Limiting conditions of operations" (LCOs), as contained in the Technical Specifications that could require unit shutdowns within the next twelve (12) hours.
- 17.3 Unscheduled shutdowns or power reductions to below 30%.
- 17.4 Serious personnel injuries. See section 5 for possible additional reporting requirements.
- 17.5 Events of high public or news media interest.
- 17.6 False siren activation.
- 17.7 Transportation incidents (49CFR171.15) involving radioactive materials or new fuel in which: (See step 5 for possible additional reporting requirements.)
 - 17.7.1 A person is killed.
 - 17.7.2 A person receives injuries requiring medical treatment.
 - 17.7.3 Measurable property damage occurs to the carrier or to some other entity.
 - 17.7.4 Fire, breakage, spillage, or suspected radioactive contamination occurs.
 - 17.7.5 A continuing danger of life exists at the scene of the incident.
 - 17.7.6 The Emergency Director determines that it is in SNC or APCo's best interest that off-site agencies be notified.
 - 17.7.7 If unable to contact the Emergency Support Manager/SNC Duty Manager within four hours, the Emergency Director shall notify the Department of Transportation (DOT) and American-Nuclear Insurers (ANI).
- 17.8 Other events that are not exactly specified above, but which are considered at the time of the occurrence to be of possible concern to upper management.
- 18.0 EPA Notifications
 - 18.1 Reporting of natural oil spills, synthetic oil spills and polychlorinated biphenyl (PCB) spills is addressed in FNP-0-AP-60.
 - 18.2 Reporting of releases, fires or explosions which involve hazardous wastes is addressed in FNP-0-AP-60.
 - 18.3 Reporting of releases of hazardous substances or extremely hazardous substances (including radionuclides) is addressed in FNP-0-AP-60.

NOTE: Refer to step 17.7 of this procedure for other notification requirements.

- 19.0 Transportation accidents involving hazardous substances or extremely hazardous substances (including radioactive materials) - see section 5.0 for possible additional reporting requirements involving fatalities or hospitalization.
 - 19.1 Ensure that the Department of Transportation/Coast Guard National Response Center has been notified in the event that hazardous materials cause one or more of the following (this is driver/carrier responsibility):
 - 19.1.1 A person is killed.
 - 19.1.2 A person receives injuries requiring hospitalization.
 - 19.1.3 Estimated carrier or other property damage exceeds \$50,000.
 - 19.1.4 Fire, breakage, spillage, or suspected radioactive contamination occurs involving shipment of radioactive material.
 - 19.1.5 Fire, breakage, spillage, or suspected contamination occurs involving shipment of etiologic agents (includes sewage and medical waste).
 - 19.1.6 Continuing danger to life exists at the scene of the incident.
 - 19.2 Notify the Emergency Director.
 - 19.3 Notify the On-Call Environmental Supervisor (non-rad shipment) or On-Call HP Manager/Supervisor (rad shipment) to prepare a follow-up report per 49CFR171.15 and to assess whether APCo should provide support at the scene of the accident.
 - 19.4 Notify the Emergency Support Manager/SNC Duty Manager and request that the ESM/SNC Duty Manager notify SNC Environmental Services to provide support.

TABLE 1

REFERENCES

1. Joseph M. Farley Nuclear Plant Emergency Plan
2. FNP-0-EIP-3.0, Duties of the Emergency Director
3. FNP-0-EIP-9.0, Emergency Classification and Actions
4. FNP-0-EIP-10.0, Evacuation and Personnel Accountability
5. FNP-0-EIP-11.0, Handling of Injured Personnel
6. FNP-0-EIP-13.0, Fire Emergencies
7. FNP-0-AP-60, Oil Spill Prevention Control and Countermeasures Plan
8. 10CFR50.72, ENS Notification Criteria
9. 10CFR73.71, Reportable Safeguards Events
10. FNP-0-SNM-0, Special Nuclear Material Control and Accountability Manual
11. 10CFR50.9, Reporting Requirements (NS-88-0145)
12. 49CFR171.15, Hazardous Materials Incidents
13. 10CFR26, Fitness for Duty
14. Reporting of Safeguards Events (USNRC Generic Letter 91-03)
15. Enforcement Policy for Hot Particle Exposure (Information Notice 90-48)
16. 29CFR part 1904 - Reporting of Fatality or Multiple Hospitalization Incidents
17. NUREG-1022 Event Reporting Guidelines
18. Regulatory Guide 5.6.2, Nov. 1987, Reporting of Safeguards Events

TABLE 2

SECURITY REPORTABILITY MATRIX

The time constraints to implement compensatory measures and initiate NRC reports typically start at the time the event occurs. If the exact time cannot be determined, the time of event discovery by on-site security management or an equivalent level of plant management will be used for initiating compensatory measures and event reporting. Events should be properly compensated within 10 minutes of discovery or within the time prescribed in the Security Plan. However, if extenuating circumstances prevent compensation within that time, the event need not be reported promptly provided there was no malevolent intent, nothing adverse resulted from the delay, and appropriate measures were taken to ensure necessary action in the future.

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
A. THREATS OR ACTS 10CFR73, Appendix G				
1.	Any event in which a person has committed or caused, or attempted to commit or cause, or has made a credible threat to commit or cause:	Theft or unlawful diversion of any special nuclear material at FNP or of nuclear fuel enroute to FNP	N/A	One Hour report per step 9.0
2.	Any event in which a person has committed or caused, or attempted to commit or cause, or has made a credible threat to commit or cause:	Significant physical damage to either FNP unit, spent fuel pool or nuclear fuel transport vehicle to the extent that it cannot perform its normal function	N/A	One Hour report per step 9.0

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TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
B. LOSS OF VA BARRIER SYSTEM/COMPONENT 10CFR73, Appendix G				
1.	VA Barrier(s) (1) and or Doors(s)	Physically/Forcibly Breached	N/A	One Hour report per step 9.0
		Design flaw or vulnerability in VA barrier	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Keycard and Alarmed Doors(s)	Alarmed-Not Locked	Yes No	Log per step 12.0 One Hour report per step 9.0
		Locked-Not Alarmed	Yes No	Log per step 12.0 One Hour report per step 9.0
		Not Alarmed-Not Locked	Yes(2) No	Log per step 12.0 One Hour report per step 9.0
3.	Card Reader Failure	Failure allows unauthorized access through door.	Yes No	Log per step 12.0 One Hour report per step 9.0
C. LOSS OF PA BARRIER SYSTEM/COMPONENT 10CFR73, Appendix G				
1.	PA Barrier(s) (1) or Turnstiles(s)	Physically/Forcibly Breached	N/A	One Hour report per step 9.0
		Design flaw or vulnerability in PA barrier	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Turnstile(s)/PA Entry Doors(s)	Alarmed-Not Locked	Yes No	Log per step 12.0 One Hour report per step 9.0
		Locked-Not Alarmed	Yes No	Log per step 12.0 One Hour report per step 9.0
		Not Alarmed-Not Locked	Yes No	Log per step 12.0 One Hour report per step 9.0

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
D. LOSS OF INTRUSION ALARM AND/OR ASSESSMENT CAPABILITIES 10CFR73, Appendix G				
1.	Loss of Microwave or Infrared (one or more zones)	Inoperable/ Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Loss of CCTV Surveillance (one or more cameras/monitors)	Inoperable/ Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
3.	Loss of Remote Control Panel (RCP), Local Control Panel (LCP) or Node Panel (Total loss)	Keycard/Alarm or Zone Inoperable/Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
4.	Loss of RCP, LCP, or Node Panel (Partial)	Keycard/Alarm or Zone Inoperable/Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
5.	Loss of both computer processors	Inoperable/Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
6.	Loss of one computer processor	Fail over to Backup	Yes(2) No	Log per step 12.0 Log per step 12.0
7.	Loss of CAS/SAS	Alternate Alarm Station operable	N/A	Log per step 12.0
		Both Stations inoperable	Yes No	Log per step 12.0 One Hour report per step 9.0
8.	Loss of PA lighting (Total or Partial)	Inoperable/Out of Service due to Failure/Maintenance/Repair/Testing	Yes No	Log per step 12.0 One Hour report per step 9.0
		Momentary Loss of PA lighting	N/A	Log per step 12.0

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
E. LOSS OF POWER 10CFR73, Appendix G				
1.	Loss of AC power (Total or Partial)	Standby Power maintains integrity.	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Loss of Standby Power during loss of power	Total power loss	N/A	One Hour report per step 9.0
F. LOSS OF LLEA COMMUNICATIONS 10CFR73, Appendix G				
1.	Partial Loss	At least one method of communicating operable	N/A	Log per step 12.0
2.	Total Loss	All on-site communications capabilities Inoperable/Out of Service due to Failure/Maintenance/Repair/Testing	N/A	One Hour report per step 9.0
G. INTERRUPTION OF NORMAL OPERATIONS 10CFR73, Appendix G				
1.	Fire or Explosion of suspicious or unknown origin within the PA, including the Isolation Zone	N/A	N/A	One Hour report per step 9.0
2.	Suspicious explosive device discovered	N/A	N/A	One Hour report per step 9.0
3.	Confirmed unauthorized use of, or vandalism or tampering with machinery, components or controls, including the security system/components	N/A	N/A	One Hour report per step 9.0
4.	Credible bomb or extortion threat	N/A	N/A	One Hour report per step 9.0
5.	Unsubstantiated bomb or extortion threat	N/A	N/A	Log per step 12.0
6.	Mass demonstrations or civil disturbance near the site which may pose a threat to the facility	N/A	N/A	One Hour report per step 9.0
G. INTERRUPTION OF NORMAL OPERATIONS (Continued Next Page)				

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
G. INTERRUPTION OF NORMAL OPERATIONS 10CFR73, Appendix G (Continued from previous page)				
7.	An assault on the facility, regardless of whether perimeter penetration is achieved.	N/A	N/A	One Hour report per step 9.0
8.	Attempted or confirmed intrusion, or actual entry of an unauthorized individual into PA/VA	N/A	N/A	One Hour report per step 9.0
9.	Discovery of/or attempted malevolent introduction of weapons, explosives, or incendiary devices in/into the PA.	N/A	N/A	One Hour report per step 9.0
10.	Discovery of contraband inside the PA that is not a significant threat.	N/A	N/A	Log per step 12.0
NOTE: FFD events will be reported using step 14 of the main body of the procedure unless the requirements of Note 6 below are met.				
The requirements of 10 CFR 26.73 are applicable to item 11 regarding controlled substances. See Note 6 below.				
11.	Reasonable suspicion of illegal use, sale, possession, or introduction of controlled substances(s) on-site or other criminal acts involving personnel with unescorted access which may directly affect operations	N/A	N/A	One Hour report per step 9.0
12.	Suspension of Safeguards controls by the Shift Superintendent during Emergencies including a Security Emergency.	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
H. SECURITY FORCE PERSONNEL RELATED		<u>10CFR73, Appendix G</u>		
1.	Unavailability of minimum number or impending strike of Security Personnel.	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Loss of Security Weapon On-site	Retrieved within one hour	Yes No	Log per step 12.0 One Hour report per step 9.0
3.	Security Officer asleep on Post	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
I. PROCEDURAL RELATED FAILURE		<u>10CFR73, Appendix G</u>		
1.	Loss or Theft of Safeguards Information which could SIGNIFICANTLY assist radiological sabotage	N/A	Yes Not significant or would not assist	One Hour report per step 9.0 Log per step 12.0
2.	Inadvertent/accidental removal of security keys from PA	N/A	Yes (4) No	Log/Non-Event(5)
3.	Discovery of intentionally falsified identification badges or key cards	N/A	N/A	One Hour report per step 9.0
4.	Unauthorized use of, unaccounted for, lost, or stolen badge that could allow unauthorized access to PAs or VAs	N/A	Yes (4) No	Log per step 12.0 One Hour report per step 9.0
5.	Visitor without Escort	N/A	Yes No	Log/Non-Event(5) Log (5)
6.	Individual authorized only PA access is incorrectly issued a badge granting VA access (initial badge issue), but does not enter any VAs or does not enter any VAs with malevolent intent.	N/A	Yes No	Non-Event Log

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
J. MISCELLANEOUS				
1.	Discovery of off-site criminal acts by personnel with unescorted access which could cause concern about their trustworthiness and reliability or a program weakness.	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	Any criminal act by a licensee employee committed offsite, which receives media attention, and has the potential for affecting the radiological safety of licensee activities..	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
3.	Any other threatened attempted, or committed act not previously defined having potential for reducing Physical Security Effectiveness	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
4	Vehicle Barrier System Degradation	N/A	For short time period (not to exceed 72 hours) For longer time period (not to exceed 30 days)	Log per step 12.0 Log per step 12.0

TABLE 2
SECURITY REPORTABILITY MATRIX

Event Description		System/Component Status	Compensatory Measures Taken Within 10 Minutes of the Event Discovery	Reportability
K. PARTIAL FAILURE OF ACCESS CONTROL PROGRAM				
1.	A badged person inadvertently enters the PA through a vehicle gate before being searched.	N/A	Yes No	Log per step 12.0 One Hour report per step 9.0
2.	A badged person walks into a VA behind another person without using a badge, if the improper entry was inadvertent or without malevolent intent.	N/A	N/A	Log per step 12.0
3.	A person enters a VA to which he is authorized unescorted access by inadvertently using a badge intended for another person who is authorized access to the area.	N/A	N/A	Log per step 12.0
L. INCOMPLETE PRE-EMPLOYMENT SCREENING RECORDS (to include falsification and willful omission from the screening application)				
1.	Unescorted access of the individual may need to be cancelled or suspended until the identified anomaly is resolved. If the licensee determines that unescorted access would have been denied based on developed information that is viewed as significant as outlined in Corporate Security Department (CSD – 3) Procedure,	N/A	<p align="center">Reportability Requirements</p> <p>Discovery of significant information, access is denied and the event will be reported to the NRC within 1-hour.</p> <p>If less significant information, access is denied and the event is recorded in the security safeguards log within 24 hours.</p>	<p>One Hour report per step 9.0</p> <p>Log per step 12.0</p>

TABLE 2
SECURITY REPORTABILITY MATRIX

NOTES

- (1) Examples include floor or wall plugs, bisco seals, barriers in HVAC ducts, etc.
- (2) To be properly compensated, measures must be in place within 10 minutes of event discovery.
- (3) Events reportable under 50.72 or 50.73 do not require duplicate reports under 73.71
- (4) To be properly compensated, both invalidating the badge and initiating actions to ensure no unauthorized use of the badge must occur within 10 minutes of event discovery by on-site security personnel.
- (5) May be a loggable event depending on circumstances.
- (6) A significant FFD event must be reported under the provisions of 10 CFR 26.73, but need not be reported under 10 CFR section 73.71. FFD program performance data must be submitted under provisions of 10 CFR 26.71(d). In those rare cases where an event with safeguards significance is caused by an FFD event, the FFD aspects must be submitted to the NRC in accordance with 10 CFR Part 26, and the safeguards aspects reported in accordance with 10 CFR 73.71. When a telephone report is required by both rules, only one telephone call is needed to the Operations Center. In that case, a written report of the safeguards aspects must also be submitted within 30 days, as required by 10 CFR 73.71.

FIGURE 1

FARLEY NUCLEAR PLANT EVENT NOTIFICATION FORM

- A. EVENT DATE YY MM DD / /

B. PERSON MAKING NOTIFICATION: _____
☐ SHIFT SUPERINTENDENT ☐ OTHER _____

C. EVENT CLASSIFICATION (check appropriate block and list EIP paragraph #)

☐ 10 CFR 50.72 NON-EMERGENCY NOTIFICATION _____

☐ 10 CFR20 RADIOACTIVE MATERIALS _____

☐ 10 CFR 50.9 (B) SIGNIFICANT EVENT, CONDITION OR INFORMATION _____

☐ 10 CFR 73, APP. G REPORTABLE SAFEGUARDS EVENT _____

☐ 10 CFR 26.73 FITNESS FOR DUTY EVENT _____

☐ 10 CFR 72 SPECIAL NUCLEAR MATERIAL CONTROL _____

☐ MISCELLANEOUS NOTIFICATIONS _____

D. Event Date and Time _____
Discovery Date and Time _____
Report Time Requirement ☐ one hour ☐ four hour ☐ eight hour
 ☐ 24 hour ☐ 48 hour ☐ Other _____

Date and Time Report required (event date and time+report time requirement) _____

E. Complete appropriate information on the NRC form 361 portion of this figure (last page of this figure) prior to contacting the NRC Operations center. Obtain the Event Notification Number (EN #) from the NRCOC and put that number at the indicated location at the top of the next page. The last page of the form may be faxed to the NRC if they desire.

F. AGENCIES NOTIFIED

PERSON NOTIFIED / TIME	
<input type="checkbox"/> ALABAMA RADIATION CONTROL	_____ / _____
<input type="checkbox"/> ALABAMA EMA	_____ / _____
<input type="checkbox"/> HOUSTON COUNTY EMA	_____ / _____
<input type="checkbox"/> GEORGIA EMA	_____ / _____
<input type="checkbox"/> EARLY COUNTY EMA	_____ / _____
<input type="checkbox"/> NRC OPERATIONS CENTER	_____ / _____
<input type="checkbox"/> NRC RESIDENT	_____ / _____
<input type="checkbox"/> EMERGENCY DIRECTOR	_____ / _____
<input type="checkbox"/> RECOVERY MANAGER	_____ / _____
<input type="checkbox"/> OPERATIONS MANAGER	_____ / _____
<input type="checkbox"/> EMERGENCY SUPPORT MANAGER	_____ / _____
<input type="checkbox"/> OTHER: _____	_____ / _____

G. HAS A PRESS RELEASE BEEN MADE OR PLANNED? ☐ YES ☐ NO

FIGURE 1

SIMILAR to NRC FORM 361				U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER			
REACTOR PLANT EVENT NOTIFICATION WORKSHEET						EN #	
NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100, BACKUPS -- [1st] 301-951-0550, [2nd] 301-415-0550 and [3rd] 301-415-0553							
NOTIFICATION TIME		FACILITY OR ORGANIZATION FARLEY NUCLEAR PLANT		UNIT		NAME OF CALLER	
						CALL BACK # ENS 700-221-0807 Commercial # 334-899-5156	
EVENT TIME & ZONE		EVENT DATE		POWER/MODE BEFORE		POWER/MODE AFTER	
EVENT CLASSIFICATIONS				1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		(v)(A) Safe S/D Capability AINA	
GENERAL EMERGENCY GEN/AAEC		TS Deviation ADEV				(v)(B) RHR Capability AINB	
SITE AREA EMERGENCY SIT/AAEC		4-Hr. Non-Emergency 10 CFR 50.72(b)(2)				(v)(C) Control of Rad Release AINC	
ALERT ALE/AAEC		(i) TS Required S/D ASHU				(v)(D) Accident Mitigation AIND	
UNUSUAL EVENT UNU/AAEC		(iv)(A) ECCS Discharge to RCS ACCS				(xii) Offsite Medical AMED	
50.72 NON-EMERGENCY (see next columns)		(iv)(B) RPS Actuation (scram) ARPS				(xiii) Loss Comm/Asmt/Resp ACOM	
PHYSICAL SECURITY (73.71) DDDD		(xi) Offsite Notification APRE				60-Day Optional 10 CFR 50.73(a)(1)	
MATERIAL/EXPOSURE B???		8-Hr. Non-Emergency 10 CFR 50.72(b)(3)				Invalid Specified System Actuation AINV	
FITNESS FOR DUTY HFIT		(ii)(A) Degraded Condition ADEG				Other Unspecified Requirement (Identify)	
OTHER UNSPECIFIED REQMT (see last column)		(ii)(B) Unanalyzed Condition AUNA				NONR	
INFORMATION ONLY NINF		iv)(A) Specified System Actuation AESF				NONR	
DESCRIPTION							
Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)							
NOTIFICATIONS		YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input type="checkbox"/> NO
NRC RESIDENT							
STATE(s)					DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)
LOCAL							
OTHER GOV AGENCIES					MODE OF OPERATION UNTIL CORRECTED:	ESTIMATED RESTART DATE:	ADDITIONAL INFO ON BACK
MEDIA/PRESS RELEASE							<input type="checkbox"/> YES <input type="checkbox"/> NO