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March 20, 2002

Docket Nos. 50-321

50-366

HL-6213

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

Edwin I. Hatch Nuclear Plant

Emergency Implementing Procedures Revision

Ladies and Gentlemen:

In accordance with 10 CFR 50, Appendix E, Section V, Southern Nuclear Operating Company hereby submits the following revision to the Plant Hatch Emergency Implementing Procedures (EIPs):

EIP No.	Revision/ <u>Version</u>	Effective Date
73EP-EIP-004-0 73EP-EIP-005-0	8	03/11/2002 03/11/2002

These revisions incorporate comments identified during our review of the interim compensatory measures (ICMs).

By copy of this letter, Mr. L. A. Reyes, NRC Region II Administrator, will receive two copies of the revised procedures.

Should you have any questions in this regard, please contact this office.

Respectfully submitted,

H. L. Sumner, Jr.

CKB/eb

Enclosures:

- 1. 73EP-EIP-004-0, Duties of Emergency Director
- 2. 73EP-EIP-005-0, On-Shift Operations Personnel Emergency Duties

A045

U.S. Nuclear Regulatory Commission Page 2 March 20, 2002

cc: Southern Nuclear Operating Company (w/o)
Mr. P. H. Wells, Nuclear Plant General Manager
SNC Document Management (R-Type A02.001)

U.S. Nuclear Regulatory Commission, Washington, D.C. (w/o) Mr. L. N. Olshan, Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator (with 2 copies)
Mr. J. T. Munday, Senior Resident Inspector – Hatch (w/o)

SOUTHERN N	UCLEAR	DOCUMEN	IT TYPE:			PAGE
PLANT E.I. HA	ATCH	EMERG	ENCY PREPARE	DNESS PROC	EDURE	1 OF 13
DOCUMENT	ΓITLE:			DOCUMENT	NUMBER:	REVISION/VERSION
DUTIES O	F EMERGENCY DIRI	ECTOR		73EP-EIP	-004-0	NO:
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EXPIRATION	APPROVALS:		-			EFFECTIVE
DATE:	DEPARTMENT MAN	NAGER	J. C. Lewis	DATE	3/5/2002	DATE:
				-		3/11/2002
N/A	NPGM/POAGM/PSA	.GM	P. H. Wells	DATE	3/7/2002	

1.0 OBJECTIVE

This procedure establishes the responsibilities and actions taken by the Emergency Director to direct and manage emergency response, emergency operations and support activities.

TABLE OF CONTENTS

Section	<u>Title</u>	<u>Page</u>
7.0	PROCEDURE	7//-1211
7.1	Initial Emergency Response	4
7.2	Normal Succession for Emergency Director	4
7.3	Transfer of Responsibilities	5
7.4	Emergency Director Duties	6

2.0 APPLICABILITY

This procedure applies to responses taken by the Emergency Director after initial emergency classification and initial actions have been performed. This procedure is performed as required.

3.0 REFERENCES

- 3.1 10AC-MGR-006-0, Hatch Emergency Plan
- 3.2 Edwin I Hatch Nuclear Plant, Unit 1 and U2 Emergency Plan
- 3.3 00AC-REG-001-0, Federal and State Reporting and Federal Document Posting Requirements
- 3.4 73EP-EIP-001-0, Emergency Classification and Initial Actions
- 3.5 73EP-EIP-005-0, On shift Operations Personnel Emergency Duties
- 3.6 73EP-EIP-009-0, Nuclear Security Duties
- 3.7 73EP-EIP-011-0, Assembly Accountability & Evacuation
- 3.8 73EP-EIP-017-0, Emergency Exposure Control
- 3.9 73EP-EIP-019-0, Rally Point Team Duties

SOUTHERN NUCLEAR		F	PAGE 2 OF 13
PLANT E.I. HATCH			
DOCUMENT TITLE:	DO	CUMENT NUMBER:	REVISION NO:
DUTIES OF EMERGENCY DIRE	CTOR 7	3EP-EIP-004-0	8

- 3.10 73EP-EIP-054-0, Protective Action Recommendations to State and Local Authorities
- 3.11 73EP-EIP-063-0, Technical Support Center Activation
- 3.12 73EP-EIP-073-0, Offsite Emergency Notifications
- 3.13 73EP-RAD-006-0, Repair and Corrective Action During a Radiological Emergency
- 3.14 75TR-TRN-001-0, Emergency Preparedness Training Program
- 3.15 10CFR50.72, Immediate Notification requirements for operating nuclear power reactors
- 3.16 31GO-OPS-013-0, Notifications and Reports

4.0 REQUIREMENTS

4.1 PERSONNEL REQUIREMENTS

Personnel who have been designated to perform duties as Emergency Director shall receive training in applicable emergency response training areas as outlined in 75TR-TRN-001-0, Emergency Preparedness Training Program.

4.2 MATERIAL AND EQUIPMENT

N/A - Not applicable to this procedure

4.3 SPECIAL REQUIREMENTS

N/A - Not applicable to this procedure

5.0 PRECAUTIONS/LIMITATIONS

5.1 PRECAUTIONS

Hazardous levels of radiation and contamination may be encountered by plant personnel during emergency situations. Consult Health Physics and Chemistry supervision regarding radiological conditions.

5.2 LIMITATIONS

5.2.1 The Emergency Director may modify emergency plan implementing procedures and staffing to meet the needs of emergency response.

SOUTHERN NUCLEAR			PAGE 3 OF 13
PLANT E.I. HATCH			
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION NO:
DUTIES OF EMERGENCY DIRE	CTOR	73EP-EIP-004-0	8

- 5.2.2 The Emergency Director may prohibit or delay the performance of activities referenced in this procedure <u>IF</u> in his judgement, performance will present a threat to personnel or nuclear safety (i.e., security events, severe weather conditions or other hazards which may affect personnel safety).
- 5.2.3 The Emergency Director will NOT delegate the following responsibilities:
 - 5.2.3.1 The decision to declare, escalate, downgrade, or terminate emergency classifications.
 - 5.2.3.2 The decision to notify offsite emergency response agencies.
 - 5.2.3.3 The decision to recommend protective actions to offsite authorities.
 - 5.2.3.4 The decision to request federal assistance.
 - 5.2.3.5 Authorization for plant personnel to exceed 10CFR20 radiation exposure limits.
 - 5.2.3.6 Authorization for use of potassium iodide (KI) tablets during a declared emergency.
 - 5.2.3.7 The decision to order evacuation of nonessential personnel from the site at an ALERT or higher emergency classification.

6.0 PREREQUISITES

- 6.1 The Superintendent of Shift (SOS) must complete the actions specified in subsection 7.1.5 of 73EP-EIP-001-0, Emergency Classification and Initial Actions prior to implementing this procedure.
- 6.2 This procedure will be utilized for drills, exercises and actual emergencies.

SOUTHERN NUCLEAR			PAGE 4	OF 13
PLANT E.I. HATCH				
DOCUMENT TITLE:	•	DOCUMENT NUMBER:	REVISI	ON NO:
DUTIES OF EMERGENCY DIRE	ECTOR	73EP-EIP-004-0	8	}

REFERENCE

7.0 PROCEDURE

7.1 INITIAL EMERGENCY RESPONSE

Initially, the Emergency Director position is filled by the Superintendent of Shift (SOS). If the SOS is unavailable, then the affected unit's Shift Supervisor (SS) will become the Emergency Director. IF the SOS is unavailable and the event involves both units, the Unit 1 Shift Supervisor (SS) will become the Emergency Director. Any of these persons will assume the position of Emergency Director in the Control Room until a qualified relief, as specified in step 7.2, can arrive on site and receive an adequate turnover.

7.2 NORMAL SUCCESSION FOR EMERGENCY DIRECTOR

NOTE:

The Emergency Director may operate from the Control Room, TSC, or EOF at his discretion. He may act as the TSC Manager and Emergency Director simultaneously during the early phases of emergency response until another qualified Emergency Director or another qualified TSC Manager arrives and takes over the applicable duties.

Any one of the following persons may assume the Emergency Director (ED) duties after he is given proper turnover from the off going ED.

- Nuclear Plant General Manager
- Plant Operations Assistant General Manager (POAGM)
- Plant Support Assistant General Manager (PSAGM)
- Vice President Plant Hatch
- Other qualified Emergency Director

SOUTHERN NUCLEAR			PAGE 5 OF 13
PLANT E.I. HATCH			
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION NO:
DUTIES OF EMERGENCY DIRE	ECTOR	73EP-EIP-004-0	8

7.3 TRANSFER OF RESPONSIBILITIES

NOTE: Efforts should be made to coordinate the transfer of Emergency Director duties in conjunction with state/local notifications and dose assessment activities.
--

- 7.3.1 Turnover from the off going Emergency Director (ED) to the relieving ED may be conducted in person or over the phone, as appropriate.
- 7.3.2 The off going ED will brief the relieving ED of the following:
 - Emergency Classification
 - Initiating and Current Plant Conditions
 - Emergency Organization Status
 - Mitigating Actions
 - Notifications
 - Dose Assessment activities/radiological release status
 - Other Relevant Information
- 7.3.3 The relieving ED will ensure the Emergency Response Facility (ERF) Managers are notified of who is functioning as the ED.

SOUTHERN NUCLEAR PLANT E.I. HATCH		PAGE	6 C	F 13
DOCUMENT TITLE: DUTIES OF EMERGENCY DIRE	DOCUMENT NUMBER: 73EP-EIP-004-0	REVI	SION 8	NO:

NOTE: (*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.

7.4 EMERGENCY DIRECTOR DUTIES

NOTE:	Anytime an event is reclassified, ensure initial actions are performed per
	73EP-EIP-001-0, Emergency Classification and Initial Actions.

		NUE	ALERT	SITE AREA	GENERAL
*7.4.1	Continue to assess the emergency condition and reclassify per 73EP-EIP-001-0, Emergency Classification and Initial Actions, as necessary, within 15 minutes of conditions requiring classification.	X	x	X	х
7.4.2	Direct PA announcements to be made in accordance with 73EP-EIP-005-0, On-shift Operations Personnel Emergency Duties.	x	X	X	x

NOTE: The ED may delay staff augmentation as a result of a security event, severe weather conditions or other hazards to personnel safety.

		NUE	ALERT	SITE AREA	GENERAL
7.4.3	Initiate staff augmentation <u>IF</u> the emergency event is occurring outside of normal working hours (i.e., normal working hours is defined as Monday thru Friday between the hours of 7:30 am and 4:00 p.m.), OR when the ED determines additional staff is necessary. Obtain and follow the applicable instructions for activation of the HNP Autodialer System from the Emergency Director notebook in the Control Room.		X	X	X

SOUTHERN NUCLEAR			PAGE :	7 OF	13
PLANT E.I. HATCH					
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVIS	ION I	VO:
DUTIES OF EMERGENCY DIRE	CTOR	73EP-EIP-004-0		3	

NOTE:	(*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.

7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

• E.D. approval must be given prior to initiating notifications to State and local authorities.

		NUE	ALERT	SITE AREA	GENERAL
*7.4.4	The initial ED in the Control Room will complete and approve the emergency notification form and ensure designated personnel transmit the emergency information to State and local authorities within 15 minutes of declaring or changing emergency classifications. Additionally, significant events, which potentially impact offsite emergency actions, must be reported as soon as practicable to State and local authorities.	X	x	X	X
*7.4.5	The ED in the TSC or EOF will review and approve the emergency information for notification of State and local authorities and ensure designated personnel in the TSC or EOF perform the emergency notification. Additionally, significant events, which potentially impact offsite emergency actions, must be reported as soon as practicable to State and local authorities.		X	X	X

SOUTHERN NUCLEAR			PAGE	8 0	F 13
PLANT E.I. HATCH					
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVIS	SION	NO:
DUTIES OF EMERGENCY DIRE	CTOR	73EP-EIP-004-0	Į	8	
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NOTE:	(*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.
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7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

		NUE	ALERT	SITE AREA	GENERAL
7.4.6	Designate an individual to transmit emergency information to the NRC in accordance with 00AC-REG-001-0, Federal and State Reporting and Federal Document Posting Requirements and ensure an open line with the NRC is maintained, IF requested. Information is to be provided to the NRC as soon as possible but no later than 1 hour following the declaration of an emergency and in accordance with 31GO-OPS-013-0, Notifications and Reports.	x	X	X	X
7.4.7	Verify that the NRC Resident Inspector has been notified.	X	x	X	X

SOUTHERN NUCLEAR PLANT E.I. HATCH		PAGE	9 OF 13
DOCUMENT TITLE: DUTIES OF EMERGENCY DIRE	DOCUMENT NUMBER: 73EP-EIP-004-0	REVI	SION NO: 8

NOTE:

The ED may delay activation of the emergency response facilities as a result of a security event, severe weather conditions or other hazards to personnel safety.

		NUE	ALERT	SITE AREA	GENERAL
7.4.8	Ensure appropriate Emergency Response Facilities (ERFs) are activated in accordance with applicable ERF activation procedures.		x	X	x
7.4.8.1	Ensure the TSC has activated the NRC-ERDS system in accordance with procedure 73EP-EIP-063-0, Technical Support Center Activation.		X	X	x
7.4.8.2	Ensure Health Physics confirms habitability of the rally points in accordance with 73EP-EIP-019-0, Rally Point Team Duties. IF unforeseen security/radiological/weather conditions preclude evacuation through the Plant Entry Security Building (PESB) AND/OR Gate 17, determine and have announced over the Public Address (PA) system an alternate location for a rally point and a site evacuation route.		X	X	X
7.4.8.3	Provide periodic briefings to ERF Managers.		X	X	X

SOUTHERN NUCLEAR PLANT E.I. HATCH	_		PAGE 10 OF 13
DOCUMENT TITLE: DUTIES OF EMERGENCY DIRE		DOCUMENT NUMBER: 73EP-EIP-004-0	REVISION NO:

(*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.

7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

		NUE	ALERT	SITE AREA	GENERAL
*7.4.9	Consider ordering an early dismissal of non-essential personnel <u>IF</u> the potential for degrading plant conditions or a threat to the safety of onsite personnel exist.	X	x		

NOTE: The ED may delay the release of personnel from the site as a result of a security event, severe weather conditions or other hazards to personnel safety.

		NUE	ALERT	SITE AREA	GENERAL
*7.4.10	Order evacuation of non-essential personnel from the plant site.			Х	Х
7.4.11	Ensure Security initiates accountability for personnel within the Protected Area and provides a status of the release of non-essential personnel in accordance with 73EP-EIP-009-0, Nuclear Security Duties.		X	X	X

SOUTHERN NUCLEAR		PAGE 11 OF 13
DOCUMENT TITLE: DUTIES OF EMERGENCY DIRE	DOCUMENT NUMBER: 73EP-EIP-004-0	REVISION NO: 8

NOTE:

(*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.

7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

		NUE	ALERT	SITE AREA	GENERAL
*7.4.12	Authorize emergency exposure in accordance with 73EP-EIP-017-0, Emergency Exposure Control.		x	X	Х
*7.4.13	Authorize issuance of Potassium Iodide in accordance with 73EP-EIP-017-0, Emergency Exposure Control.		X	X	X

CAUTION:

PROTECTIVE ACTION RECOMMENDATIONS TO STATE / LOCAL AUTHORITIES ARE REQUIRED FOR A GENERAL EMERGENCY CLASSIFICATION, IN ACCORDANCE WITH 73EP-EIP-054-0, PROTECTIVE ACTION RECOMMENDATIONS TO STATE AND LOCAL AUTHORITIES.

		NUE	ALERT	SITE AREA	GENERAL
*7.4.14	Evaluate the need for and recommend protective actions to state and local authorities within 15 minutes of the existence of conditions requiring protective actions.			x	X
7.4.15	Ensure adequate communications with the Corporate Emergency Operations Center (CEOC) are established and maintained by the TSC and EOF.		X	X	X
7.4.16	Ensure contact is established with the Public Information Director and Company Spokesperson. Remain cognizant of news release information and assist in addressing rumors and media questions.			X	X

SOUTHERN NUCLEAR PLANT E.I. HATCH		PAGE 12 OF 13
DOCUMENT TITLE:	DOCUMENT NUMBER:	REVISION NO:
DUTIES OF EMERGENCY DIRE	73EP-EIP-004-0	8

NOTE	

(${}^{\bigstar}$) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.

7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

			NUE	ALERT	SITE AREA	GENERAL
7.4.17		dinate response efforts and State/local nation and liaison needs.		Х	Х	Х
*7.4.18	assist made	tate the need for State/local and Federal offsite tance. Ensure requests for assistance are as needed; and arrangements are made to we offsite support.	X	X	X	X
7.4.19	emergauthor Georg	te discussions with applicable members of the gency response organization and offsite prities (i.e., Nuclear Regulatory Commission, gia Emergency Management Agency, Appling, Davis, Tattnall and Toombs County Emergency agement Agency Directors) before downgrading minating an emergency declaration.		X	X	X
*7.4.20		n terminating the emergency, ensure the ving actions have been performed:	X	X	X	X
7.4.2	20.1	Ensure verbal closeout to State and Local Authorities using ENN or alternate communications	X	X	X	x
7.4.2	20.2	Ensure verbal closeout to NRC using ENS or alternate communications.	X	x	X	x

SOUTHERN NUCLEAR PLANT E.I. HATCH		PAGE 13 OF 13
DOCUMENT TITLE:	DOCUMENT NUMBER:	REVISION NO:
DUTIES OF EMERGENCY DIRI	73EP-EIP-004-0	8

NOTE:	(*) indicates actions performed/approved by the E.D. All other actions may be delegated at the E.D.'s discretion.	

7.4 EMERGENCY DIRECTOR DUTIES (CONT'D)

		NUE	ALERT	SITE AREA	GENERAL
after f repor distrik The v 00AC	Ensure all facilities and applicable offsite agencies/organizations are provided emergency termination information and the status of recovery activities. act the Emergency Preparedness Coordinator the event has been terminated to ensure a written to summarizing the event is being prepared for oution to State and local authorities and the NRC. Written report will be provided in accordance with E-REG-001-0, Federal and State Reporting and ral Document Posting Requirements.	X	x	x	x

END OF 7.4, EMERGENCY DIRECTOR DUTIES

SOUTHERN PLANT E.I. H		DOCUMENT TYPE: EMERGENCY PREPARE	EDNESS PROCEDURE	PAGE 1 OF 8
DOCUMENT			DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT O	PERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
E)/5:5:45:45:4				6
	APPROVALS:			EFFECTIVE
DATE:	DEPARTMENT MAN	IAGER J. C. Lewis	DATE _ 3/5/2002	DATE:
				3/11/2002
N/A	NPGM/POAGM/PSA	.GM P. H. Wells	DATE 3/7/2002	

1.0 OBJECTIVE

This procedure provides guidance to on-shift operations personnel for response to declared emergencies.

TABLE OF CONTENTS

Section	<u>Title</u>	Page
2.0	APPLICABILITY	1
3.0	REFERENCES	1
4.0	REQUIREMENTS	2
5.0	PRECAUTIONS/LIMITATIONS	2
6.0	PREREQUISITES	2
7.0	PROCEDURE	3
7.1	SUPERINTENDENT OF SHIFT (SOS)	3
7.2	SHIFT SUPERVISOR (SS)	4
7.3	SHIFT SUPPORT SUPERVISOR	5
7.4	CONTROL ROOM OPERATOR	6
7.5	SYSTEM OPERATOR	8

2.0 APPLICABILITY

This procedure applies to responses and actions taken by on-shift operations personnel. This procedure is performed as required.

3.0 REFERENCES

- 3.1. 10AC-MGR-006-0, Hatch Emergency Plan
- 3.2. Edwin I. Hatch Unit 1 and Unit 2 Emergency Plan

3.3. FULL SIZE FORM

• TRN-0144, Emergency Page Announcement Guide

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			2 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			6

4.0 **REQUIREMENTS**

4.1. PERSONNEL REQUIREMENTS

On-shift operations personnel who have received emergency response training are required to perform this procedure.

4.2. MATERIAL AND EQUIPMENT

N/A - Not applicable to this procedure

4.3. SPECIAL REQUIREMENTS

N/A - Not applicable to this procedure

5.0 PRECAUTIONS/LIMITATIONS

5.1. PRECAUTIONS

N/A - Not applicable to this procedure

5.2. LIMITATIONS

This procedure is <u>NOT</u> intended for use by the Emergency Director (ED).

6.0 PREREQUISITES

A declared emergency or an emergency drill/exercise must exist before using this procedure.

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			3 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			l 6

REFERENCE

7.0 PROCEDURE

7.1 SUPERINTENDENT OF SHIFT (SOS)

		NUE	ALERT	SITE- AREA	GENERAL	
7.1.1	Review the event and classify the emergency in accordance with 73EP-EIP-001-0, Emergency Classification and Initial Actions.	X	Х	X	X	
7.1.2	Assume the duties of the ED in accordance with 73EP-EIP-004-0, Duties of Emergency Director.	X	X	X	X	
7.1.3	After turnover of ED duties, perform the following:					
7.1.3.1	Direct operation of the plant to mitigate consequences of the event and to restore to a safe operating condition.	X	X	X	X	
7.1.3.2	Analyze plant conditions and assist the ED with reclassifications and protective action recommendations.	X	X	Х	X	
7.1.3.3	Advise the ED and TSC Manager on degrading plant conditions, initiation of any release or changes in the magnitude of any release as soon as practical.	X	X	X	X	
7.1.3.4	Ensure communications is established and maintained with the emergency response facilities (ERFs), NRC, and Security, as appropriate.		X	X	X	
7.1.3.5	may prevent facility activation, protected area evacuation or site evacuation, <u>THEN</u> consult with the ED and Security prior to dispatching Control Room personnel, making PA announcements or augmenting on-shift staffing:		X	X	X	
	security eventssevere weather conditions					
	other hazards that affect personnel safety					

END OF 7.1, SUPERINTENDENT OF SHIFT (SOS)

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			4 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			6

7.2 SHIFT SUPERVISOR (SS)

		NUE	ALERT	SITE- AREA	GENERAL
7.2.1	IF the SOS is unavailable or incapacitated, assume the duties of SOS and perform the SOS duties in accordance with section 7.1 of this procedure. IF available, assign any qualified SRO to assume the unit SS duties.	X	X	X	Х
7.2.2	Direct operation of the plant to mitigate consequences of the event and to restore to a safe operating condition.	X	X	X	X
7.2.3	Activate emergency response teams, <u>IF</u> necessary, by contacting the TSC (or the Health Physics office and other support departments <u>IF</u> the TSC is not activated) and provide directions regarding needed actions.	X	X	X	X
7.2.4	Assist in the performance of prompt offsite dose assessments, as needed.	X	X	X	X
7.2.5	Advise the SOS on any degradation of plant equipment, onset of a release, and changes in release magnitude as soon as possible.	X	X	X	X
7.2.6	Establish communications with the ERFs, Plant Security, the ED and the NRC as requested by SOS.		X	X	Х

END OF 7.2, SHIFT SUPERVISOR (SS)

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			5 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			6

7.3 SHIFT SUPPORT SUPERVISOR (SSS)

		NUE	ALERT	SITE- AREA	GENERAL
7.3.1	Maintain accountability of all SOs dispatched from the Control Room.		X	X	Х

NOTE:	All entries to areas with higher than normal radiological conditions must be dispatched from the OSC.
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		NUE	ALERT	SITE- AREA	GENERAL
7.3.2	Ensure SOs are logged on the Operations rounds blanket RWP to track their dose.		Х	X	Х

NOTE: SOs can be dispatched with no limitations provided radiological conditions are n degraded.	not
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		NUE	ALERT	SITE- AREA	GENERAL
7.3.3	Dispatch SOs to perform various tasks to assist in mitigation of an emergency condition.		Х	Х	Х
7.3.4	Coordinate with Control Room Operators to monitor ARM readings and plant conditions for the location where SOs have been dispatched. <u>IF</u> conditions change, <u>THEN</u> withdraw all personnel dispatched to that location.		X	X	X
7.3.5	Send extra SOs to the OSC as conditions allow. SOs for shutdown activities will remain in the Control Room.		X	X	X

END OF 7.3, SHIFT SUPPORT SUPERVISOR (SSS)

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			6 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			6

7.4 CONTROL ROOM OPERATOR

		NUE	ALERT	SITE- AREA	GENERAL
7.4.1	Ensure the START HIST light on the Safety Parameter Display System (SPDS) keyboard is lit, as appropriate. <u>IF</u> the light is off, depress the CTRL AND START HIST keys. Continue or cancel history, as directed by the SS.	X	X	X	X
7.4.2	Take actions to place the plant in a safe condition in accordance with annunciator response procedures, emergency operating procedures and Technical Specifications.	X	X	X	X
7.4.3	Periodically report plant status to the SS.	X	X	X	X
7.4.4	Notify the SS or SOS of any degradation to plant equipment.	X	X	X	X
7.4.5	Perform prompt offsite dose assessment calculations in accordance with 73EP-EIP-018-0, Prompt Offsite Dose Assessment, as required. Notify the SOS or SS of the onset of a release or any change in the magnitude of release. When the TSC is activated, turnover dose assessment duties to the TSC and exit procedure 73EP-EIP-018-0.		X	X	X
7.4.6	Notify the SSS of changes in plant conditions, radiological conditions or radiological releases.		X	X	X

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			7 OF 8
DOCUMENT TITLE:		DOCUMENT NUMBER:	REVISION/VERSION
ON-SHIFT OPERATIONS PERSON	NEL EMERGENCY DUTIES	73EP-EIP-005-0	NO:
			6

7.4 CONTROL ROOM OPERATOR (CONT'D)

CAUTION:

CHANGES IN WIND DIRECTION MAY REQUIRE CHANGING RALLY POINTS AND EVACUATION ROUTES; THEREFORE, USE OF AVERAGE WIND DIRECTION IS ACCEPTABLE AND DESIRED. BE AWARE OF CHANGING CONDITIONS.

		NUE	ALERT	SITE- AREA	GENERAL
7.4.7	Complete form TRN-0144, Emergency Page Announcement Guide, filling in the required sections.	Х	X	X	X
7.4.8	Obtain concurrence from the SOS for PA announcements being made for the following circumstances:	X	X	X	X
	security events			1	
	 severe weather conditions 				
	 other hazards that affect personnel safety. 				

NOTE:

The purpose of making announcements is to inform plant personnel of an event or change in conditions that warrants a response. The timeliness and accuracy of the announcement will have a direct effect on the implementation of that response. Announcements are normally concise statements containing sufficient detail to elicit the appropriate response.

		NUE	ALERT	SITE- AREA	GENERAL
7.4.9	Make the appropriate announcement and sound the applicable warning tone, as directed by the SOS or SS and using the applicable section of TRN-0144, Emergency Page Announcement Guide. The appropriate announcement/tone will be made as soon as practicable upon initial emergency declaration, and every thirty (30) minutes for the first two (2) hours of the declared emergency. After the first two (2) hours, repeat the announcement/ tone as directed by the SS.	X	X	X	X

END OF 7.4, CONTROL ROOM OPERATOR

SOUTHERN NUCLEAR			PAGE
PLANT E.I. HATCH			
DOCUMENT TITLE:		DOCUMENT NUMBER:	8 OF 8
ON-SHIFT OPERATIONS PERSONI	NEL EMERGENCY DUTIES	73EP-EIP-005-0	REVISION/VERSION NO:
			6

7.5 SYSTEM OPERATOR (SO)

		NUE	ALERT	SITE- AREA	GENERAL
7.5.1	Complete current assigned task <u>OR</u> restore equipment to a safe condition and report status to the Control Room.		Х	Х	Х
7.5.2	Report to the SSS in the Control Room and remain under his direction until dispatched to the OSC.		X	X	X

NOTE:	Unusual circumstances may require personnel to immediately terminate work activities and exit the area. These circumstances include, but are not limited to:
	an ARM alarms in the work area
	the worker's digital dosimeter alarms, or
	a radiological event is announced and personnel are directed to evacuate the area

		NUE	ALERT	SITE- AREA	GENERAL
7.5.3	<u>IF</u> unusual circumstances occur in or near your present location, <u>THEN</u> terminate your work activities, exit the area and report back to the SSS in the Control Room.		X	Х	Х

END OF 7.5, SYSTEM OPERATOR (SO)