EMERGENCY PLAN IMPLEMENTING/ADMINISTRATIVE PROCEDURES INDEX

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JCP&L AGPU

Jersey Central Power & Light Company

Subject: Classification of Emergency Conditions

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Director-Station Operations

Approval/Goncurrence

Project:

Oyster Creek Nuclear Generating Station

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1.0 PURPOSE

1.1 The purpose of this procedure is to define those conditions which shall be classified as emergency conditions at Oyster Creek Nuclear Generating Station (OCNGS) and to provide guidance in classifying such conditions.

Utilization of this procedure during comminuous emergency assessment activities will aid in the identification of changing emergency action levels prompting emergency condition reclassification.

2.0 REFERENCES

- 2.1 OCNGS Emergency Plan
- 2.2 OCNGS Emergency Plan Implementing Procedures (EPIP)
 - 2.2.1 EPIP-2 Unusual Event
 - 2.2.2 EPIP-3 Alert
 - 2.2.3 EPIP-4 Site Emergency
 - 2.2.4 EPIP-5 General Emergency

3.0 RESPONSIBILITIES

3.1 The Group Shift Supervisor is responsible for the initial evaluation of abnormal or emergency site conditions and for directing immediate Emergency Plan Implementing Procedure actions as appropriate, once assuming the duties of the Emergency Director. The Group Shift Supervisor is responsible for implementing this procedure.

4.0 PREREQUISITES

4.1 None

5.0 REQUIREMENTS

5.1 EMERGENCY ACTIONS

5.1.1 The Group Shift Supervisor/Emergency Director upon recognition of implant or site conditions that have exceeded or have a potential to exceed any emergency action level shall:

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- 5.1.1.1 Immediately evaluate emergency initiating conditions for the highest emergency classification condition that may have been exceeded.
 - NOTE: Attachment I (Matrix of Initiating Conditions for Emergency Classification) of this procedure will aid in apid identification of the appropriate emergency classification condition.
- 5.1.1.2 Classify the emergency condition upon confirmation that emergency action levels have been exceeded as defined in EPIP-2, EPIP-3, EPIP-4 or EPIP-5, as appropriate.
 - NOTE: Emergency classifications shall be made as soon as possible after confirmation of exceeding Emergency Action Levels to ensure that proper protective and corrective actions are implemented and that appropriate offsite authorities are promptly notified (within 15 minutes).
- 5.1.1.3 Implement the appropriate Emergency Classification Procedure and assume the duties of the Emergency Director until properly relieved.

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ARAMETER E	MERGENCY CLASSIFICATION UNUSUAL		SITE	GENERAL	
	EVENT	ALERT	EMERGENCY	EMERGENCY	
	EPIP-2	EPIP-3	EPIP-4	EPIP-5	
Radiological					
Effluent			066-11-101-	Offsite/Site	
Releases			Offsite/Site Perimeter	Perimeter	
Gaseous	Tech Spec.	Tech Spec.	>5 mr/hr	>50 mr/hr	
Iodine	Limits	Limits	for 1/2 hr	Whole Body or	
Particulate	Exceeded	Exceeded by a factor of 10	Whole body or 725 mr/hr Child Thyroid	>250 mr/hr Child Thyroid	
Liquid	10CFR20 Appendix B, Column 2 Limits exceeded in discharge canal				
Projected					
Offsite Doses					
Whole Body		>10mRem	>50mRem	>100 mRem	
			252-8	7500 mRem	
Child Thyroid		>50mRem	7250mRam	7300 mxem	
Reactor Pressu	re >1110 PSIG	>1239 PSIG	>1375 PSIG		

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ATTACHMENT 1 (cont'd) MATRIX OF INITIATING CONDITIONS FOR EMERGENCY CLASSIFICATION

	UNUSUAL	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
RCS Leakage	(Into Primary Containment)			
Unidentified leak rate	>10 gpm			
Total leak rate	>25 gpm	>50 gpm or Causes or requires the Reactor to be scrammed	Known reactor coolant system leak exceeds available make- up capacity	Loss of coolant accident with containment failure affecting the long term success of the ECCS. Core degradation or melt in several hrs without containment boundary
RCS Total Iodine Activity	>8.0 uC1/cc	>300 uCi/cc	Indication of degraded core with possible loss of coolable geometry	
Off-Gas Monitor Reading and Fuel Status	Increase of 666 mr/hr in 30 min. and/or >3,330 mr/hr	>10,000 mr/hr Fuel cladding failure		
Safety/ Relief Valve or Main Steam Isolation Valve Status	Safety/relief Valve does not close following reduction of applicable pressure	Main Steam Line Break with MSIV Malfunction causing leakage into Turbine Buildin	Steam Line Break outside Containment W/o isolation	

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ATTACHMENT 1 (cont'd) MATRIX OF INITIATING CONDITIONS FOR EMERGENCY CLASSIFICATION

PARAMETER	EMERGENCY CLASSIFICATION	INITIATING CON	STATE OF THE PERSON NAMED IN COLUMN 2	
	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
Reactor Protection Systems	Reactor SCRAM followed by unplanned automatic ECCS initiation and discharge into Reactor Vessel	Failure of a reactor pro- tection system to initiate & complete a SCRAM which brings the reactor sub- critical when called for		l.Loss of coolant accident with failure of ECCS to perform lead- ing to core melt degrada- tion in minutes to hours. Loss of containment may be imminent. 2. Transient occurs & failure of requisite core shutdown systems could lead to core melt in several hours with containment failure likely

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PARAMETER EMERO	GENCY CLASSIFICATION UNUSUAL EVENT		SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
Loss of Containment Integrity Loss of Engineered Safety Features	Shutdown required by other than normal methods 1. Requiring shutdown by Technical Specifications and shutdown is required other than in a normal manner. 2. Un- anticipated, confirmed, alarm on any two area radiation monitors	1. Loss of functions necessary to bring the	1. Loss of functions needed for plant hot shutdown when hot shutdown when hot shutdown is req'd 2. Sustain loss of all or most annunciators in Control Room coupled with Flant transient 3. Control at local sta-	1. Shutdown occurs but decay heat removal capability is lost. Core degradation or melt could occur in 10 hours with subsequent containment failure. 2. Loss of 2 of 3 fission product barrier with a potential
	simultaneously which cannot be corrected or any Process Radiation Monitor.	in unexpected increase of inplant radio-	4. Major damage to spent fuel resulting in uncontrolled grelease of radicactive material or uncontrollab decrease in fue spool water below	o- le l

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PARAMETER EM	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
Toxic or flammable gas release - near or onsite	Which could affect habita- bility required for normal plant operation	Which enters plant and affects safe operation of the plant	Enters Vital Area and affects operation of safe shutdown equipment, plant not in cold shutdown	
Security Compromise	Security threat or attempted entry or attempted sabotage	Ongoing compromise.	Imminent loss of physical control of plant coupled with intrusion.	Loss of physical control of plant occurs with intrusion in progress.
Loss of Power	Sustain loss of offsite power or loss of both diesel generator capabilities during power operations.	Offsite and onsite power or vital D.C. power for <15 min.	Offsite and Onsite or Vital D.C. exceeds 15 min	

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	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
Natural Phenomena Being Experienced or Projected	1. Sustain windspeed > 75 mph 2. Flood level with probable flooding of evacuation routes.	1. Sustain windspeed >100 mph 2. Flood or low water leve potentially affecting operation of safe shutdown equipment when required to operate. 3. Tornado strikes facility. 4. Earthquake affecting plant operation	2. Flood or low water leaffecting operation of shutdown equivolves and the shutdown equivoperate. 3. Earthquake major damagement necess.	evel f safe uipment ed to e causing e to equip—
Fire	Fire not under control within 10 minutes.	Potentially affecting plant safety systems	Affecting f of plant sa systems	
Explosion	Unanticipated near or onsite	With damage affecting plant opera- tions	damage to s shutdown eq ment, plant in cold shu	afe uip

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ATTACHMENT 1 (cont'd) MATRIX OF INITIATING CONDITIONS FOR EMERGENCY CLASSIFICATION

	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
	EPIP-2	EPIP-3	EPIP-4	EPIP-5
Contaminated In jury	Requires transportation offsite for medical treatmen	t		
Aircraft Crash or Missile Impact	Onsite outside protected area- no plant structures affected	Within protected area	Affecting vital plant structures by impact or fire, plant not in cold shutdown	
Turbine Failure	Rotating component failure causing a reactor scram	Resulting in casing penetration		
Plant Status or conditions	Other plant conditions are	Other plant conditions	Other plant conditions are	Other plant conditions are

as evaluated by GSS/Emergency Director

plant.

potential de- actual or gradation of potential sub- the level of stantial safety of the degradation of needed for safety of the the public. plant

in progress or are in pro- in progress or in progress or have occurred gress or have have occurred have occurred or likely major imminent subpotential sub- failures of stantial core the level of protection of

which may occurred which which may which may inindicate a may involve an involve actual volve actual or plant functions degradation or melting, with potential for loss of containment integrity, or may make release of significant amounts of radioactivity in a short time possible.

JCP&L GPU

Jersey Central Power & Light Company

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Unusual Event

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1.0 PURPOSE

- 1.1 The purpose of this procedure is to define the conditions that shall be regarded as an Unusual Event for Oyster Creek Nuclear Station and to:
 - 1.1.1 Ensure necessary actions are taken to protect the health and safety of the public.
 - 1.1.2 Ensure necessary actions are taken to notify offsite emergency response organizations.
 - 1.1.3 Mobilize the appropriate portions of the emergency response organization to initiate appropriate emergency actions.

2.0 REFERENCES

- 2.1 OCNGS Emergency Plan
- 2.2 NUREG-0654 Rev. 1, FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."
- 2.3 OCNGS Emergency Plan Implementing Procedures (EPIP)
 - 2.2.1 EPIP-1 Classification of Emergency Conditions
 - 2.2.2 EPIP-3 Alert
 - 2.2.3 EPIP-4 Site Emergency
 - 2.2.4 EPIP-5 General Emergency

3.0 RESPONSIBILITIES

- 3.1 The Emergency Director is responsible for implementing this procedure.
- 3.2 Emergency Director responsibilities that may NOT be delegated include:
 - 3.2.1 Decision to notify offsite emergency management agencies.
 - 3.2.2 Making protective action recommendations as necessary to offsite emergency management agencies.
 - 3.2.3 Classification of Emergency Event.
 - 3.2.4 Determining the necessity for onsite accountability and/or evacuation based upon potential exposure to non-essential personnel.
 - 3.2.5 Authorization for emergency workers to exceed 10 CFR 20 radiation exposure limits.

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4.0 PREREQUISITES

4.1 The Site is in a condition that warrants Unusual Event declaration as defined by this procedure as judged by the Group Shift Supervisor/Emergency Director.

5.0 REQUIREMENTS

- 5.1 Emergency Actions
 - The Group Shift Supervisor/Emergency Director shall, upon recognition of inplant or site conditions that have exceeded only "Unusual Event Emergency Action Levels" EPIP-2 Attachment 1, ensure "Emergency Director Checklist Unusual Event" Form EPIP-2-1 is completed.

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ATTACHMENT 1

UNUSUAL EVENT EMERGENCY ACTION LEVELS

1.0 INITIATING CONDITION

- 1.1 Reactor SCRAM followed by unplanned automatic ECCS initiation and discharge into Reactor Vessel
- 1.2 Radiological effluent Technical Specifications 3.6.A or 3.6.B are exceeded
- 1.3 Reactor coolant system activity, activity > 8 uci/cc, but <300 uci/cc

- 1.4 Reactor pressure exceeds 1110 PSIG, but < 1239 PSIG
- 1.5 Primary system leak rate approaching technical specification limits
 a. Unidentified leak > 10 gpm
 - b. Total leakage >25 gpm, but <50 gpm</p>
- 1.6 RCS safety/relief valve failure to close following reduction of applicable pressure

INDICATION

"Reactor SCRAM Contactor Open", alarm,
Display J, Panel 5F/6F, Window 3-33

followed by

"Core Spray System 1 On" Alarm, Display B,
Panel 1F/2F, window 5-5

and/or

"Core Spray System 2 On" Alarm, Display C,
Panel 1F/2F, Window 1-1

Valid Hi Hi Alarm on stack gas radiation monitor or a Hi Alarm on Rad Waste Discharge Monitors as verified by sample and analysis.

As indicated by one or more of the following alarms:

- "Reactor water Hi-Hi Conductivity"
 Display D, Panel 3F, Window 4-11
- b. "Main Steam Line Hi-Radiation" Display H & J
- c. "Hi Radiation Off-Gas", Panel 10F, Window 5-13

Confirmed by sample analysis

As indicated by: "Drywell Sump Hi Leak Rate" Alarm, window F, Panel 3F and verified by recorder, Panel 3F. As indicated by: "DWEDT Hi Level" alarm or "Both Pumps Running" alarm and confirmed by leak rate calculation using integrator readings.

Indicated by:

 "Safety Valve or Relief Valve Not Closed" alarm, Display B, Panel 1F/2F, Window 4-34

and

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ATTACHMENT 1 (cont'd)

UNUSUAL EVENT EMERGENCY ION LEVELS

INITIATING CONDITION

INDICATION

 Edgemeter display on Panel 1F/2F and verified by "Relief Valve Discharge/Relief Valve Downcomer Temperature Recorder", Panel 10F or

Accoustical Monitoring System.

1.7 A sustained loss of offsite power or

A loss of onsite AC power capability

- 1.8 Loss of Containment Integrity required by other than normal methods.
- 1.9 Loss of Engineered Safety features.
- 1.10 Fire in a permanent plant structure which cannot be controlled by the Fire Brigade within 10 minutes of discovery
- 1.11 Security threat or attempted entry or attempted sabotage
- 1.12 Natural phenomena being experienced or projected beyond usual levels

As indicated by a loss of of f-site

As indicated by "Emergency Diesel Generator #1 Disabled", Winiow 4-28, Panel 8F/9F and "Emergency Diesel Generator #2 Disabled alarms on Panel 9F, Window 1-7

Any condition whereby Technical Specification Limit 3.5.A.3 is exceeded in the judgement of the GSS and shutdown is required other than in a normal manner.

Loss of the ability to meet any one of the conditions requiring shutdown by Technical Specification Limiting Conditions of Operation and shutdown is required other than in a normal manner.

Group Shift Supervisor's judgement.

Group Shift Supervisor's judgement.

impact on plant.

As indicated by any one of the following: a. Tornado or storm warning with probable Sugrect: Procedure No. Unusual Event 2990 3 of 4 2-288 EPIP-2 Remaion No. Cate 7/20/82

ATTACHMENT 1 (cont'd)

UNUSUAL EVENT EMERGENCY ACTION LEVELS

INITIATING CONDITION

INDICATION

- Sustain winds greater than 75 mph as indicated by wind speed recorder, Panel
- Flood warning, probable impact on plant, closure of evacuation routes.
- Earthquake felt in plant
- or projected
- 1.13 Other hazards being experienced As indicated by any one of the following:
 - a. Onsite aircraft crash outside protected area not impacting permanent plant structures.
 - b. Unanticipated explosion detected near or onsite.
 - Near or onsite toxic or flammable gas or liquid release which could affect habitability required for normal plant operation.
 - d. Turbine rotating component failure causing a reactor SCRAM
- 1.14 Other plant conditions are in progress or have occurred which may indicate a potential degradation of the level of safety of the plant.

Group Shift Supervisor judges that:

- a. Plant shutdown is other than normal. controlled shutdown
- b. Plant is in other than normal condition during operation and the abnormal condition is of such a nature as to warrant notification (e.g., cracking is found in reactor coolant piping during operation)
- c. Any other condition exists which has the potential for escalation into a higher level of emergency, and, therefore, warrants notification.

NOTE: In exercising the judgement as to the need for declaring an Unusual Event, uncertainty concerning safety status of the plant, the length of time the uncertainty exists, and the prospects for early resolution of ambiguities should be considered; i.e., uncertainty about the level of safety of the plant extending beyond a reasonable time period is a sufficient basis for declaring an Unusual Event.

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ATTACHMENT 1 (cont'd)

UNUSUAL EVENT EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.15 Transporation of any contaminated or potentially contaminated injured person offsite for medical treatment.

INDICATION

As judged by the Group Shift Supervisor

1.16 Unanticipated confirmed alarm on any two Area Radiation Monitors simultaneously which cannot be corrected or any Process Radiation Monitor

Group Shift Supervisor judgement based on cause of initiating event and evaluation of plant condition resulting from initiating event

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Form EPIP-2-1

EMERGENCY DIRECTOR CHECKLIST - UNUSUAL EVENT

INITIALS			
	1.0	EMER	GENCY ACTIONS
		1.1	The Group Shift Supervisor/Emergency Director is responsible to complete this checklist, initial each action completed or mark N/A (Not applicable).
		1.2	Upon recognition that any of the Unusual Event Emergency Action Levels have been exceeded, the Group Shift Supervisor shall assume the duties of Emergency Director. Date/Time/
			1.2.1 Announce to Control Room personnel has assumed the duties of
			Emergency Director.
		1.3	Assign a Communicator to make notifications to persons and agencies listed in Form EPIP-2-2 "Notification Checklist - Unusual Event".
		1.4	Announce (or instruct a communicator to announce) the following message over the Plant Page System:
			Sound the "STATION ALERT ALARM" for 10 seconds.
			ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL
			AN UNUSUAL EVENT HAS BEEN DECLARED. PERSONNEL SHOULD CONTINUE WITH THEIR NORMAL DUTIES UNLESS FURTHER INSTRUCTION IS GIVEN
			(REPEAT THE ANNOUNCEMENT)
		1.5	Immediately initiate Offsite Dose Assessment, EPIP-9.
	di d	1.6	Notification Messages
			1.6.1 Complete Form EPIP-2-3, "Initial Notification Message - Unusual Event" and give it to a communicator for transmission.
			Now James State Police are to be notifed

NOTE: New Jersey State Police are to be notified within 15 minutes after the recognition that a Emergency Action Level has been

exceeded.

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		Form EPIP-2-1 (cont'd)
	EMERGENCY	DIRECTOR CHECKLIST - UNUSUAL EVENT
INITIALS		1.6.1.1 Ensure initial notification is received by:
		New Jersey State Police (division headquarters, communication center) and Nuclear Regulator Commission Operations Center.
	1.6.2	Complete Form EPIP-2-4 "Institute of Nuclear Power Operations and American Nuclear Insurers, Notification Message - Unusual Event" and give it to a communicator for transmission.
		1.6.2.1 Ensure initial notification is received by:
		Institute of Nuclear Power Operations (INPO) and American Nuclear Insurers (ANI)
	1.7 Followup	Messages
	1.7.1	Assign personnel to gather information for update message Forms EPIP-2-6 "Additional Information Message - Unusual Event" and EPIP-2-5 "Bureau of Radiation Protection Station Status Checklist - Unusual Event"
		1.7.1.1 Ensure additional information messages are received by the Nuclear Regulatory Commission Operations Center at regular intervals.
		1.7.1.2 Ensure Bureau of Radiation Protection Station Status Checklist messages are received (when requested) by the Bureau of Radiation Protection.
		1.7.1.3 Provide the facility contacts from INPO and ANI with information requested when available and/or request assistancce deemed appropriate.
	1.7.2	Ensure appropriate follow up actions are initiated in accordance with administrative Procedures 106.1

- Reportable Occurrence and/or 126 Procedure for Notification of Station Events.
- 1.8 As required, initiate (if not previously implemented) the following procedures and ensure all appropriate notifications are completed in a timely manner by a communicator:

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Form EPIP-2-1 (cont'd)

EMERGENCY DIRECTOR CHECKLIST - UNUSUAL EVENT INITIALS. Personnel Injury EPIP-7. Ensure notifications in 1.8.1 1.8.5.1 thru 1.8.5.5 are completed as appropriate. Fire EPIP-8. Ensure notifications in 1.8.5.5 thru 1.8.2 1.8.5.7 are completed as appropriate. Toxic/Flamable Gas Release EPIP-15. Ensure 1.8.3 notifications in 1.8.5 are completed as appropriate. Search and Rescue EPIP-22. Ensure notifications in 1.8.4 1.8.5.1 thru 1.8.5.6 are completed as appropriace. Notifications and request for offsite assistance (as 1.8.5 required). Onsite Medical Department 1.8.5.1 Telephone Lacey First Aid Squad/Fire Department 1.8.5.2 Telephone , Community Memorial Hospital 1.8.5.3 Telephone Radiation Management Corporation 1.8.5.4 Te lephone 1.8.5.5 OCNGS Security Department Telephone Lacey Fire Department / First Aid Squad 1.8.5.6 Telephone Fire Protection Manager 1.8.5.7 Telephone Primary Offic Alternate Beeper

1.9 If required, initiate Damage Control Procedure EPIP-14.

Date / Time

1.10 If radiation levels onsite or offsite are expected above routinely observed levels initiate the following procedures:

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	INITIALS	EMERGENCY	Form EPIP-2-1 DIRECTOR CHECKL	(cont'd) .IST - UNUSUAL EVEN	<u>r</u>
		1.10.2	Emergency Radi	iological Survey-On	Date Time
		1.10.3	Emergency Radi	iological Survey-Of	fsite, EPIP-11. / Date Time
		1.10.4	Environmental	Assessment Command	-Center, EPIP-31. / Date Time
	1.1	1 IF Unusu escalate	al Event emerge to the appropr	ncy action levels iate emergency clas	have been exceeded, sification:
		Dat	e/Time of recla	ssification	<u>/</u>
		1.11.1	Alert, EPIP-3		
		1.11.2	Site Emergenc		
		1.11.3	General Emerg		
	1.1	Phase Pr	very requiremen rocedure EPIP-29	. / Date/Time	initiate Recovery
	1.1	13 IF no f Unusual	Event. / Date/T		ired terminate the
		1.13.1	Ensure all personnel tha	offsite agencies at were notified of	and GPU Nuclear the Unusual Event

receive termination notification.

Sugject:	Unusual	Event			Procedure No.	Page 1 of 2 Pages
					Revision No. 3	2are 7/20/82
				FORM EP	IP-2-2	
			NOTIFICA	TION CHECKLI	ST - UNUSUAL EVEN	<u> </u>
	INITIALS		Initial each	item upon c	ompletion	
		1.	With Emergen	ncy Directors	approval announ	ce the following message
			Sound t	he "STATION	ALERT ALARM" for	10 seconds.
			ATTENTI	ON ALL PERSO	NNEL, ATTENTION A	LI PERSONNEL
			PERSONN		S BEEN DECLARED. NTINUE WITH THEIR IS GIVEN	NORMAL DUTIES UNLESS
			(REPEAT	THE ANNOUNC	EMENT)	
		۷٠	Notify the Or Primary:	n-Duty Shift Alterna	Technical Adviso	
		3.	Notify the Care (1) Office Beeper	ce Te	ency Director. am(2) Office	Team(3) Office Beeper
		4.	Notify the On	n-Duty Emerge	ency Advisor	
			Ass	surance, the	GPU-Nuclear Boar	nsure the VP-Nuclear and of Directors and the nter are notified.
			Team(1) Office Beeper		eam(2) Office	Team(3) Office Beeper
		5.	Notify the se Primary:	enior Radiolo	ogical Controls re	epresentative on shift.
		6.	Event EPIP-2	on. Transmit	gency Director ap (Notification Lin	eation Message - Unusual oproval.
			one req Ver IF	minute, re- quest verific dification Li Alternate Ve	establish contact ation call on the ne immediately.	is required instruct

Sugject:	Unusual E	vent			EPIP-2		27	qe 2	of 2	3-9CRE
					Revision A	1a 3	00	7	/20/82	
			FO	RM EPIP-2-	2 (
			20	MA EFIF-2-	2 (cont a	,				
	INITIALS		NOTIFICATI	ON CHECKL	ST - UNUS	UAL EVEN	T			
		7. Not:	fy the OCNO	GS Manager		ation Setternate:				
		Oper	fy the foll actions and sual Event	American	ncies: Tr Nuclear In	ransmit nsurers	"Institu Notifica	te of	Nucl Mess	ear Power age -
		Α.	Institute	of Nuclea	r Power O	perations	s Tel:			1
		В.	American N	Auclear In	surers Te	1:				
		9. Noti	fy the Unit	ed States	Nuclear I	Regulator	ry Commis	sion	Opera	ations
		Prim	nsmit "Initi nary: NRC-E ernate: (1)	Commerc	Lift recei	iver from	m cradle			
			(3)	Commerc NRC-HPN Commerc	Line - Di	Lal 22 of		uch-	tone)	
		NOTE		line comm						ined on
		Unus	requested, smit "Burea sual Event" Emergency (u of Radi	stion Prot	ection S RP Infor	station S mation I	tatu ine	s Chec	ed in
		Comm	smit additi	other age	ncies as d	lirected	by the B	merg	ency I	Director

Sugject:	Unusual Event	Procedure No.	Page 1 or 1 Pages	
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FORM EPIP-2-3

INITIAL NOTIFICATION MESSAGE - UNUSUAL EVENT

MESSAGE WILL BEGIN ANT END WITH:

(Circle One) THIS IS NOT AN EXERCISE - I REPEAT - THIS IS NOT AN EXERCISE
THIS IS A DRILL - THIS IS A DRILL

	TS A	NOTIF	AT OYSTER CREEK NUCLEAR GENERATING STATION FICATION OF AN UNUSUAL EVENT CLASSIFICATION
			CLASSIFIED ATONODate)
	[]		THERE IS NO RELEASE IN PROGRESS
	1 1		WE HAVE A CONTROLLED RELEASE IN PROGRESS
	[]		WE HAVE AN UNCONTROLLED RELEASE IN PROGRESS
	[]		NO PROTECTIVE ACTIONS ARE RECOMMENDED
	[]		WE RECOMMEND SHELTERING FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
	[]		WE RECOMMEND EVACUATION FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
			APPROVED EMERGENCY DIRECTOR DATE TIME-24 HR
MI	E NOTI	FIE D.	VERIFIED THIS MESSAGE HAS BEEN TRANSMITTED TO: NEW JERSEY STATE POLICE via State Hot Line (Gray) UNITED STATES NUCLEAR REGULATORY COMMISSION via Line (Red Phone)

NOTE:

VERIFICATION OF MESSAGE IS COMPLETE ONLY AFTER RECEIVING AGENCY HAS RESTATED MESSAGE CORRECTLY IN ITS ENTIRETY BACK TO THE OYSTER CREEK COMMUNICATOR

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FORM EPIP-2-4

INSTITUTE OF NUCLEAR POWER OPERATIONS & AMERICAN NUCLEAR INSURERS NOTIFICATION MESSAGE - UNUSUAL EVENT

		at Oyster Cree
	(Name/Title)	
Nuclear Gene	erating Station. An Unusual Event was d	leclared in
accordance w	with our Emergency Plan at	** 11
accordance w	with our Emergency Plan at / (Time) / (I	Date)
Description	of Emergency:	
Assistance I	requested:	
Anaround		
Approved	(Emergency Director)	
Approved	(Emergency Director)	
Approved		(Time)
Approved	(Emergency Director) (Date)	(Time)
Approved		(Time)
Approved	(Date)	
	(Date)	
	(Date) To: Insitute of Nuclear Power Operations	
	(Date) To: Insitute of Nuclear Power	
	(Date) To: Insitute of Nuclear Power Operations	
	(Date) To: Insitute of Nuclear Power Operations	
	(Date) To: Insitute of Nuclear Power Operations	

Sugject: Un	usual Event	Procedure No. EPIP-2	Page 1 of 2 Pages	
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FORM EPIP-2-5

BUREAU OF RADIATION PROTECTION STATION STATUS CHECKLIST - UNUSUAL EVENT

Date	and Time of Incident: Date: Time	1:	(24-Hr. C	lock)
Acci	dent Classification: UNUSUAL EVENT			
	of Release:(circle one) GASEOUS			
Caus	e of Incident and System Involved (if kno	own):		
			V-	
Is R	eactor Shutdown: (circle one)	Yes	No	
		Yes		
(b)	Estimated Duration of Release:		Hours	
(c)	Type of Gaseous Release (circle one)	Elevate	d Groun	d
(d)	Windspeed mph m/sec			
(e)	Wind Direction: From:	(0) Tow	ard	(0)
(f)	Affected Sector:	able	(Compass Neutral	Point) Stable
	2-1 2 Webl- Coo.	Ci/S	ec.	
(g)	Release Rate Noble Gas:			
2000	Release Rate Iodine (if known)			
(h)			ec.	
(h) Liqu (a)	Release Rate Iodine (if known)	C1/S	ec.	
(h) Liqu (a) (b)	Release Rate Iodine (if known) aid Release Information Release Terminated (circle one)	C1/S	ec. No	

FOR Offsite Doses Body	ORM EPIP-2-5 (co	Remsia	n No. 3	7/20/82
Offsite Doses		ont'd)		
Offsite Doses				
ance (Miles)				
	Dose Rate mRe		Time to Reach	
ld Thyroid				
tance (Miles)	Dose Rate Rem	-	Time to Reach	
ded Protective	Actions:			
hacklist appro	wed for transm	ission t	o NJBRP by En	nergency
			,	
			(Date/Time)	
ed to:				
	hecklist appro/ /Emergency Supp (Signature) hecklist transported to:	hecklist approved for transm. /Emergency Support Director: (Signature) hecklist transmitted to NJBRP:	hecklist approved for transmission to /Emergency Support Director: (Signature) hecklist transmitted to NJBRP:	(Signature) (Date/Time) hecklist transmitted to NJBRP:

(OCNGS Communicator)

(Location) (Date/Time)

Sualest: '	Unusual Event	EPIP-2	page 1 at 3 page
		Revision No.	7/20/82
	ADDITIONAL INFORMATION MESSAGE Check () all appropriate state information is available.	E - UNUSUAL EVENT	nitted as
	1. This is		
	Director at Oyster Creek Nuclea following is provided as addition notification of Unusual Event. 2. DATE/TIME OF CLASSIFICATION a. Time:	nal information for	the initial
	b. Date: Month 3. Plant Status a. Reactor (circle one) is/is no b. The plant (circle one) is/is c. Reactor is subcritical, cool core, and containment integr 4. Type of release (circle one) airb	t shutdown. not in a safe condiant is being maintaity is satisfactory.	tion.
	5. Meteorological Data a. Wind speed MP b. Wind direction (f c. Stability class (circle one) d. Precipitation (circle one) r 6. Gaseous Radiological Data a. Noble gas release rate	H rom) (towar unstable; neutral; ain; sleet; snow	d) stable
	b. Iodine 131 release rate c. Release (circle one) has/has d. Actual or estimated duration	not terminated	

noiect:		Procedure No.	
	Unusual Event	EPIP-2	Page 2 af 3
		Revision No.	7/20/8
	FORM EPI	P-2-6 (cont'd)	
	_7. Liquid Radiological Data		
_	a. Release concentration	on n	uCi/cc
_	b. Release rate	uCi	/sec
	c. Release (circle one)	has/has not terminated	
	d. Actual or estimated	duration of release	
	e. Estimated total rele	easeuC	i
	_8. Projected dose rates and	d integrated dose (Based o	n actual or
	projected duration of re-	lease)	
	Whole Body		
	a. Site Boundary	mr/hr	mRem
	b. 2 miles	mr/hr	mRe m
	c. 5 miles	mr/hr	mRem
	d. 10 miles	mr/hr	mRem
		tration and Integrated Dos	
		ected duration of release).	
	THYROID		
		uCi/cc	mRem
		uCi/cc	
		uCi/cc	
		uCi/cc	
	10. Estimate of Surface con		dpm/100
		ate)m	
	11. Emergency Actions in pro		
	a. Radiological survey		
	b. Radiological survey		
	c. Onsite fire brigade		
		ita	
	h. Medical support	66-1	
	i Environmental surve	vs orrsice	

j. Other, specify

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-			
	FORM EPIP-2-		
	12. Additional support required (specify)	
		an (simple one) Alex	rr: Site
-	13. The condition may change to		
	Emergency; General Emergency 14. Offsite population sector(s)		lanning Zone
	Sector map) affected are		
	Sector map/ arrected are	1,4	
		, *	
	15. The following changes in pro		commended for
	the population in these sect		
	a. None		
	b. Notify (projected offsi		
	c. Take shelter (projected		
	d. Evacuate (projected off	site dose)
	16. Approved(Emergency Direc	***	
	(Emergency Direc		
E T	(Date)	(Time)	
		TIME: NOTIFIED	/VERIFIED.
	17. Transmitted To: a. United States Nuclear R		
	Commission.		
	b. New Jersey Bureau of Ra	diation	
	Protection.		
	c.		
100			
500	d		
8			

(Communicator)

(Date)

JCP&L AGPU

Jersey Central Power & Light Company

Subject: Alert

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Date Issued 2/23/81		Effective Date (8/1 2/82) 8/2 2/82
Revision No.	3	Date 7/21/82
Authorized By	Dire	ctor-Station Operations

Approval/Concurrence

Project

Oyster Creek Nuclear Generating Station

LIST OF EFFECTIVE PAGES	DATE	REVISION NUMBER
1	7/21/82	3
2	7/21/82	3
3	7/21/82	3
ATTACHMENTS		
Attachment 1 (4 pages)	7/21/82	3
Form EPIP-3-1 (5 pages)	7/21/82	3
Form EPIP-3-2 (2 pages)	7/21/82	3
Form EPIP-3-3 (1 page)	7/21/82	3
Form EPIP-3-4 (1 page)	7/21/82	3
Form EPIP-3-5 (2 pages)	7/21/82	3
Form EPIP-3-6 (3 pages)	7/21/82	3

NON - CONTROLLED

This Document Will Not Be Kept

Up To Date

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1.0 PURPOSE

- 1.1 The purpose of this procedure is to define the conditions that shall be regarded as an Alert for Oyster Creek Nuclear Station and to:
 - 1.1.1 Ensure necessary actions are taken to protect the health and safety of the public.
 - 1.1.2 Ensure necessary actions are taken to notify offsite emergency response organizations.
 - 1.1.3 Mobilize the appropriate portions of the emergency response organization to initiate appropriate emergency actions.

2.0 REFERENCES

- 2.1 OCNGS Emergency Plan
- 2.2 NUREG-0654 Rev. 1; FEMA-REP-1 "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in support of Nuclear Power Plants".
- 2.3 OCNGS Emergency Plan Implementing Procedures (EPIP)
 - 2.3.1 EPIP-1 Classification of Emergency Conditions
 - 2.3.2 EPIP-2 Unusual Event
 - 2.3.3 EPIP-4 Site Emergency
 - 2.3.4 EPIP-5 General Emergency

3.0 RESPONSIBILITIES

- 3.1 The Emergency Director is responsible for implementing this procedure.
- 3.2 Emergency Director responsibilities that may NOT be delegated include:
 - 3.2.1 Decision to notify offsite emergency management agencies.
 - 3.2.2 Making protective action recommendations as necessary to offsite emergency management agencies.
 - 3.2.3 Classification of Emergency Event.
 - 3.2.4 Determining the necessity for onsite accountability and/or evacuation based upon potential exposure to non-essential personnel.
 - 3.2.5 Authorization for emergency workers to exceed 10 CFR 20 radiation exposure limits.

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4.0 PREREQUISITES

4.1 The Site is in a condition that warrants Alert declaration as defined by this procedure as judged by the Group Shift Supervisor/Emergency Director.

5.0 REQUIREMENTS

- 5.1 Emergency Actions
 - 5.1.1 The Group Shift Supervisor/Emergency Director shall, upon recognition of inplant or site conditions that have exceeded "Alert Emergency Action Levels" EPIP-3 Attachment 1 and no emergency action level of a higher classification, ensure "Emergency Director Checklist Alert" Form EPIP-3-1 is completed.

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ATTACHMENT 1

ALERT EMERGENCY ACTION LEVELS

1.0 EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.1 Fuel cladding degradation (Reactor coolant system Total Iodine activity > 300 uci/cc)

1.2 Reactor Pressure exceeds 1239 PSIG, but < 1375 PSIG</p>

- 1.3 Steam Line break with MSIV malfunction causing leakage into Turbine Building
- 1.4 Reactor coolant system leak exceeds 50 GPM but not 100 GPM or causes or requires the Reactor to be scrammed
- 1.5 Increased radiation or airborne levels within the plant indicating a severe degradation of control of radioactive materials (increase by a factor of 1000 or more)
- 1.6 Loss of all Offsite power coincident with a loss of diesel generators for less than 15 minutes.

INDICATION

As indicated by the following:

- a. "Off-Gas Hi Radiation Alarm", Panel 10F, Window 5-12, and confirmed by sample ar. analysis
- Off-gas Air Ejector monitors indicate > 10,000 m /hr
- As indicated by following alarms:
- a. "Safety or Relief Valve not Closed", Display B, Fanel 1F/2F, Window 4-34 and verified by "Steam Flow Steam Pressure Recorder:, Panel 5F/6F.

Indicated by:

- a. Alarms on any Turbine Building radiation monitor
- b. "Main Steam Valves Off Normal" alarm, Window G, Panel 3F, Window 5-17
- c. Both "CLOSED" and "OPEN" indication for MSIV's, Panel 11F.

As computed from drywell equipment drain tank readings plus gallons pumped from drywell sump per elapsed time.

Valid area radiation monitoring system indications and confirmed by sample analysis or direct monitoring.

As indicated by a reactor scram caused by a loss of power and a disabled alarm on both diesel generators, neither of which energizes the 1C and 1D 4160V busses.

Alert 2-de 2 of 4 2-ces Perision No. 2are 7/21/82 ATTACHMENT 1 (cont'd) ALERT EMERGENCY ACTION LEVELS 1.7 Loss of all Onsite DC power All battery voltmeters read zero for less than 15 minutes in the "Station Battery Position", Panel 8F/9F, and there is no light or control power available. As indicated by total loss of any of 1.8 Complete loss of any function needed for the following: plant cold shutdown a. Source and intermediate range when cold shutdown nuclear instrumentation. is required. b. Reactor coolant flow and Shutdown Coolant Pumps coincident with loss of other means of maintaining reactor coolant temperature less than 2120 F. Any reactor scram setpoint being 1.9 Failure of a reactor protection system to initiate exceeded with: a. No "Scram Solenoids-De-Energized" and complete a scram which brings the reactor subcritical lights on Panel 4F. b. The Neutron Monitoring System when called for. indicating the reactor is not subcritical. c. See Procedure 506.5 Indicated by one of the following 1.10 Release or loss of control of radioactive material valid conditions: a. "Fuel Pool Hi Radiation Alarm", within the plant from fuel handling accident. Panel 10F, Window 2-10 b. "Reactor Operating Floor Hi Radiation Alarm", Panel 10F, Window 1-9 c. "Reactor Bldg. Ventilation Hi Radiation Alarm", Panel 10F, window 7-23 d. Direct Radiation readings or sample analysis. (increase by a factor of 1000 or more) 1.11 Fire potentially affecting As judged by the Group Shift Supervisor the operability of any based on his assessments. safety system.

As judged by the Group Shift Supervisor

based on his assessments.

1.12 Sustain loss of all or most

Room.

annunciators in the Control

Suppert:	Alert	EPIP-3 Page 3 of 4 Pages
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	ATTACHM	ENT 1 (cont'd)
	ALERT EMERG	ENCY ACTION LEVELS
	1.13 Radioactive effluents exceed 10 times Technical Specification 3.6A or 3.6B	As indicated by any of the following validated alarms and confirmed by sample and analysis: a. "Stack Gas Hi-Hi Radiation Alarms", Panel 10F, Window 4-4 b. "Radioactive Waste Discharge Monitor Hi Alarm", Panel 10F, Window 8-24 or 8-32. c. "Service Water Discharge Monitor Hi-Hi", Panel 1R d. "Emergency Condenser Vent Hi Radiation Alarm", Panel 10F, Window 7-7 or 7-15 e. "Containment Spray Hi Radiation Alarm", Panel 10F, Window 8-8 or 8-16 f. Actual or projected integrated doses offsite exceed 10 mRem whole body or 50 mRem to the child thyroid.
	1.14 Ongoing security compromise	As judged by the Group Shift Supervisor
	1.15 Severe natural phenomenon being experienced.	As indicated by any of the following: a. Tornado strikes facility b. Sustain wind speed greater than 100 mph as indicated by Wind Speed Recorder, Fanel BR c. Flood or low water level potentially affecting operation of safe shutdown equipment when required to operate. d. Earthquake affecting plant operation.
	1.16 Other hazards being experience	d As indicated by any of the following: a. Aircraft crash or missile impact within the protected area. b. Known explosion damage affecting plant operation. c. Entry of toxic or flammable gasses into the plant which, in the judgement

of the Group Shift Supervisor, affects

the safe operation of the plant.
d. Turbine failure resulting in casing

penetration.

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ATTACH ENT 1 (cont'd)

ALERT EMFRGENCY ACTION LEVELS

1.17 Other plant conditions are in progress or have occurred which may involve an actual or potential substantial degradation of the level of safety of the plant.

As judged by the Grand Emergency Director in the safety of the plant.

As judged by the Group Shift Supervisor/ Emergency Director

NOTE:

In exercising the judgement as to the need for declaring an Alert, uncertainty concerning safety status of the plant, the length of time the uncertainty exists, and the prospects for early resolution of ambiguities, and the potential for substantial degradation of the level of safety of the plant should be considered; i.e., uncertainty as to the existence of substantial degradation of the level of safety of the plant extending beyond a reasonable time period is a sufficient basis for declaring an Alert.

1.18 Evacuation of Control Room anticipated or required with control of shutdown systems established from local stations within 15 minutes. As judged by the Group Shift Supervisor

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Form EPIP-3-1

EMERGENCY DIRECTOR CHECKLIST - ALERT

INITIALS			
	1.0	EMER	GENCY ACTIONS
		1.1	The Group Shift Supervisor/Emergency Director is responsible to complete this checklist, initial each action completed or mark N/A (Not applicable).
		1.2	Upon recognition of site conditions that require declaration of Alert Classification, the Group Shift Supervisor shall assume the duties of Emergency Director. Date/Time/
			1.2.1 Announce to Control Room personnel that has assumed the duties of Emergency Director.
		1.3	Assign a Communicator to make notifications to persons and agencies listed in Form EPIP-3-2 "Notification Checklist - Alert".
			1.3.1 Provide the communicator with the Record-a-phone message deemed appropriate.
		1.4	Announce (or instruct a communicator to announce) appropriate lines of the following message over the Plant Page System:
			Sound the "STATION ALERT ALARM" for 10 seconds.
			ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL
			AN ALERT HAS BEEN DECLARED.
			ALL ON-DUTY INITIAL EMERGENCY RESPONSE TEAM PERSONNEL REPORT TO EMERGENCY CENTERS.
			ALL OTHER PERSONNEL AWAIT FURTHER INSTRUCTIONS.
			EATING, DRINKING, AND SMOKING IS PROHIBITED UNTIL FURTHER NOTICE.
			(REPEAT THE ANNOUNCEMENT)
		1.5	Immediately initiate Offsite Dose Assessment, EPIP-9.

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				Form EPIP-3	-l (cont'd)							
		Form EPIP-3-1 (cont'd) EMERGENCY DIRECTOR CHECKLIST - ALERT										
	INITIALS											
		1.6	Emergen	cy Support Centers Activated:								
			1.6.1		pagers of th am have been a		Initial Emergency by Security.					
			1.6.2	Ensure Secu Centers.	rity has unlo	cked and	open the Emergency					
			1.6.3		ipport Center,							
			1.6.4	Operation So	upport Center,	EPIP-27						
			1.6.5		al Assessment	Command Ce	enter, EPIP-31					
			1.7.1		give it		ification Message- communicator for					
				w:	ithin 15 minu	ites after	are to be notifed the recongnition on Level has been					
				1.7.1.1 E	nsure initial	notificati	on is received by:					
					ew Jersey eadquarters, o		Police (division on center)					
					iclear Regula	ator Comm	ission Operations					
			1.7.2	Operations Notification	and Amer	ican Nu Alert" an	of Nuclear Power clear Insurers, and give it to a					
				1.7.2.1 Er	sure initial	notificati	on is received by:					
					nstitute of Nu an merican Nuclea	d	r Operations (INPO) (ANI)					

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INITIALS		EMER		P-3-1 (cont'd) TOR CHECKLIST - ALERT	
	1.8	Followu	p Messages		
		1.8.1	message Message	Forms EPIP-3-6 "Addi - Alert" and EPIP-3-5 " on Station Status Checklis	tional Information Bureau of Radiation
			1.8.1.1	Ensure additional information of the North Commission Operations intervals.	Nuclear Regulatory
			1.8.1.2	Ensure Bureau of Ra Station Status Check: received (when requester Radiation Protection.	list messages are
			1.8.1.3	Provide the facility and ANI with informat available and/or reques appropriate.	ion requested when
		1.8.2	Report	ppropriate followup action with administrative le Occurrence and/or ion of Station Events.	Procedures 106.1
	1.9	followi	ng procedur	iate (if not previous); es and ensure all approp timely manner by a commun	riate notifications
		1.9.1		Injury EPIP-7. Ensure thru 1.9.5.5 are completed	
		1.9.2		P-8. Ensure notification re completed as appropria	
		1.9.3	Toxic/Fla	mmable Gas Release ions in 1.9.5 are complet	EPIP-15. Ensure ed as appropriate.
		1.9.4		nd Rescue EPIP-22. Ensur hru 1.9.5.6 are completed	
		1.9.5	Notificat	ions and request for off	site assistance (as

1.9.5.1 Onsite Medical Department Telephone

required).

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a. C.		Revision No. 3	2are 7/21/82		
	Form EI	PIP-3-1 (cont'd)	1 //21/82		
	EMERGENCY DIRE	ECTOR CHECKLIST - ALERT			
INITIALS	1.9.5.2	Lacey First Aid Squad/Fir Telephone	e Department		
	1.9.5.3	Community Memorial Hospit	al_		
	1.9.5.4	Radiaiton Management Corp Telephone	oration		
	1.9.5.5	OCNGS Security Department Telephone			
	1.9.5.6	Lacey Fire Department/Fir Telephone	st Aid Squad		
	1.9.5.7		d with Initial e Team beepers.		
	1.10 Initiate the foreports:	llowing procedures and co	ntinually monitor		
	1.10.1 Emergen	cy Radiological Survey - Ons	ite, EPIP-10. / Date Time		
	1.10.2 Emergen	cy Radiological Survey - Off			
	1.11 Emergency Direct procedures:	ors discretion, to initia			
	1.11.1 Personn	el Accountability, EPIP-12.	/ Date/ Time		
	1.11.1.	l Ensure immediate notifica	tions are made to:		
		A. OCNGS Security Deprimary: Dark Greater Code Alternate: Teleph	een Phone, Dial		
-		 Station Personnel Plant page system 			
	1.11.1.	2 If no personnel accounts received within 30 initiation, contact Statistatus report.	minutes after		

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		Form EPIP-3-1 (cont'	d)	
INITIALS	EMERG	ENCY DIRECTOR CHECKLIS	T - ALERT	
			received,	accountability personnel
	1.11.2	If personnel are un and Rescue, EPIP-22.	accounted for,	implement Search

Site Evacuation, EPIP-13. Date/Time /

Damage Control, EPIP-14. Date/Time /

Emergency Dosimetry, EPIP-19. Date/Time

Thyroid Blocking, EPIP-23. Date/Time /

1.12 IF emergency action levels exceed those for an Alert, escalate

1.13 IF recovery conditions have not been met and Alert Emergency
Action Levels are no longer being exceeded, de-escalate to an
Unusual Event emergency classification by performing

1.14 IF recovery phase conditions have been met, initiate the

1.15 IF no further emergency actions are required, terminate the

Ensure all offsite agencies and GPU Nuclear personnel notified of the Alert receive termination

Date/Time of reclassification /

to the appropriate emergency classification:

Site Emergency, EPIP-4.

General Emergency, EPIP-5.

notifications required by EPIP-2. Date/Time

Recovery Phase in accordance with EPIP-29.

Respiratory Equipment,

EPIP-24.

1.11.3

1.11.4

1.11.5

1.11.€

1.11.7

1.12.1

1.12.2

Date/Time

1.15.1

Emergency

Date/Time

or

Alert. Date/Time /

notification.

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FORM EPIP-3-2

NOTIFICATION CHECKLIST - ALERT

INITIALS

Initial each item upon completion

With Emergency Directors approval announce appropriate lines of the following message over the Plant Page System:

Sound the "STATION ALERT ALARM" for 10 seconds.

ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL

AN ALERT HAS BEEN DECLARED.

ALL ON-DUTY INITIAL EMERGENCY RESPONSE TEAM PERSONNEL REPORT TO EMERGENCY CENTERS.

ALL OTHER PERSONNEL AWAIT FURTHER INSTRUCTIONS .

EATING, DRINKING, AND SMOKING IS PROHIBITIED UNTIL FURTHER NOTICE.

. (REPEAT THE ANNOUNCEMENT)

 Notify OCNGS Security, direct them to activate the Record-a-phone with the appropriate message, activate the pagers of the Initial Emergency Response Team on duty and unlock the TSC, OSC, & EACC.

NOTE: The Emergency Advisor shall ensure the VP-Nuclear Assurance, the GPU-Nuclear Board of Directors and the GPU-Reading Dispatch Control Center are notified.

Primary: Station Security/Accountability Line Dark Green Phone, Dial Code Alternate: Ext.

3. Notify the New Jersey State Police within 15 minutes of classification. Transmit "Initial Notification Message - Alert" EPIP-3-3 with Emergency Director approval.

Primary: State Hot Line (Notification Line) Gray Phone Alternate: (If Primary Is Out of Service)

NOTE:

IF State Police Verification Call is not received within one minute, re-establish contact via State Hot Line and request verification call on the State Police Verification Line immediately.

IF Alternate Verification means is required instruct State Police to verify by dialing

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FORM EPIP-3-2 (cont'd)

	NOTIFICATION CHECKLIST - ALERT
INITIALS	
	 Notify the following agencies: Transmit "Institute of Nucle Power Operations and American Nuclear Insurers Notification Message - Alert" EPIP-3-4
	A. Institute of Nuclear Power Operations Tel:
	3. American Muclear Insurers Tel:
	Operations Center Transmit "Initial Notification Message-Alert" EPIP-3-3 Primary: NRC-ENS Line (Lift receiver from cradle) Red Phone Alternate: (1) Commercial via Bethesda (2) Commercial via Silver Spring (3) NRC-HPN Line - Dial (4) Commercial via Bethesda NOTE: Open-line communication with NRC is to be maintanine
	on ENS Line throughout the emergency situation.
	6. When requested, by the Bureau of Radiation Protection (BRI transmit "Bureau of Radiation Protection Station State Checklist - Alert" EPIP-3-5 via, the BRP Information Lindocated in the Emergency Command Center (Group Shif Supervisors Office)
	7. Transmit additional information messages to the Nuclea Regulatory Commission and other agencies as directed by the Emergency Director using "Additional Information Message Alert" EPIP-3-6.

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INITIAL NOTIFICATION MESSAGE - ALERT

MES SAGE WILL BEGIN AND END WITH:

(CIRCLE ONE) THIS	IS	NOT	AN I	EXERCISE	-	I	REPEAT	-	THIS	IS	NOT	AN	EXERCISE
			OR											
	THIS	IS	A DR	LLL	- THIS	IS	A	DRILL						*

	THIS	IS	
			(Name) (Title) AT OYSTER CREEK NUCLEAR GENERATING STATION
THIS	IS A	NOTI	FICATION OF AN ALERT CLASSIFICATION
THIS	EVEN	T WAS	CLASSIFIED AT ON (Date)
	[]		THERE IS NO RELEASE IN PROGRESS
	[]		WE HAVE A CONTROLLED RELEASE IN PROGRESS
	[]		WE HAVE AN UNCONTROLLED RELEASE IN PROGRESS
	[]		NO PROTECTIVE ACTIONS ARE RECOMMENDED
	[]		WE RECOMMEND SHELTERING FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
	[]		WE RECOMMEND EVACUATION FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
			APPROVED EMERGENCY DIRECTOR DATE TIME-24 HR
IME	NOTI	FIED/V	THIS MESSAGE HAS BEEN TRANSMITTED TO:
		/	NEW JERSEY STATE POLICE via State Hot Line (Gray Phone
		/	UNITED STATES NUCLEAR REGULATORY COMMISSION vi
		-	(DATE) (COMMUNICATOR)
	NOTE		WEDIETCATION OF MESSACE IS COMPLETE ONLY AFTER RECEIVING AGENC

NOTE: VERIFICATION OF MESSAGE IS COMPLETE ONLY AFTER RECEIVING AGENCY
HAS RESTATED MESSAGE CORRECTLY IN ITS ENTIRETY BACK TO THE
OYSTER CREEK COMMUNICATOR

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INSTITUTE OF NUCLEAR POWER OPERATIONS & AMERICAN NUCLEAR INSURERS NOTIFICATION MESSAGE - ALERT

		at Oyster Cre
	(Name/Title)	
Nuclear Gen	erating Station. An Alert was declar	ed in
accordance	with our Emergency Plan at /	
	with our Emergency Plan at / (Time) /	(Date)
Description	of Emergency:	
Assistance :	requested:	
The state of the state of the	reduescea.	
	requested:	
	requested.	
	requested.	
	requested.	
Approved		
	(Emergency Director/Emergency Support	
	(Emergency Director/Emergency Support	t Director) (Time)
Approved	(Emergency Director/Emergency Support	t Director)
Approved	(Emergency Director/Emergency Support	t Director) (Time)
Approved	(Emergency Director/Emergency Support (Date) To: Insitute of Nuclear Power Operations	t Director) (Time)
Approved	(Emergency Director/Emergency Support (Date) To: Insitute of Nuclear Power	t Director) (Time)
Approved	(Emergency Director/Emergency Support (Date) To: Insitute of Nuclear Power Operations	t Director) (Time)
Approved	(Emergency Director/Emergency Support (Date) To: Insitute of Nuclear Power Operations	t Director) (Time)
Approved	(Emergency Director/Emergency Support (Date) To: Insitute of Nuclear Power Operations	t Director) (Time)

Subject:	Procedure No.	
Alert	EPIP-3	Page 1 of .2 Pages
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BUREAU OF RADIATION PROTECTION STATION STATUS CHECKLIST - ALERT

1.	Date and Time of Incident: Date: Tim	ie:	(24-Hr. Clock)
2.	Accident Classification: ALERT		
3.	Type of Release:(circle one) GASEOUS	LIQUID	
4.	Cause of Incident and System Involved (if kn	nown):	
5	To Beautiful Charles (ed. 12 ann)	v-	
5.	Is Reactor Shutdown: (circle one)	Yes	No
6.	Gaseous Release Information (a) Release Terminated: (circle one)	Yes	No
	(b) Estimated Duriation of Release:		Hours
	(c) Type of Gaseous Release (circle one)	Elevated	Ground
	(d) Windspeedmphm/sec		
	(e) Wind Direction: From: Affected Sector:	(o) Towar	(Compass Point)
	(f) Stability Class: (circle one) Unst		
	(g) Release Rate Noble Gas:	C1/Sec	. 44. 31
	(h) Release Rate Iodine (if known)	Ci/Sec	
7.	Liquid Release Information (a) Release Terminated (circle one)	Yes	No
	(b) Estimated Duration of Release:		Hours
	(c) Estimated Release Concentration	u(i/cc
	(d) Release Rate		gpm

#:			Procedure No.	
	Alert		EPIP-3	Page 2 st 2 Page
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		ORM EPIP-3-5 (cont'	d)	
8.	Projected Offsite Doses (a) Whole Body			
	Distance Miles) 1.	Dose Rate mRem/h	Time to Reach	PAG(hrs.)
	(b) Child Thyroid Distance Miles) 1. 2. 3. 4.	Dose Rate Rem/hr	Time to Reach	PAG(hrs.)
9.	Recommended Protective	Actions:		
10.	Status Checklist appro Director/Emergency Supp		sion to NJBRP by	Emergency
	(Signature)		(Date/Time)	
11.	Transmitted to:	itted to NJBRP:		

(OCNGS Communicator)

(Location)

(Date/Time)

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ADDITIONAL INFORMATION MESSAGE - ALERT

Check (\checkmark) all appropriate statements to be transmitted as information is available.

1.	This is	acting under the
	Direction of	the Emergency
	(Emergency Director)	
	Director at Oyster Creek Nuclear Generat	ing Station. The
	following is provided as additional informat	ion for the initial
	notification of Alert.	
2.	DATE/TIME OF CLASSIFICATION	
_	a. Time:(24	hour clock)
	b. Date: Month Day	
3.	Plant Status	
	a. Keactor (circle one) is/is not shutdown.	
	b. The plant (circle one) is/is not in a saf	e condition.
	c. Reactor is subcritical, coolant is being	maintained over the
	core, and containment integrity is satisf	actory.
4.	Type of release (circle one) airborne: liquid;	surface soil.
5.	Meteorological Data	
	a. Wind speed MPH	
	b. Wind direction(from)	(toward)
	c. Stability class (circle one) unstable; ne	utral; stable
	d. Precipitation (circle one) rain; sleet; si	no-
6.	Gaseous Radiological Data	
	a. Noble gas release rate	_uCi/sec
	b. Iodine 131 release rate	
	c. Release (circle one) has/has not terminate	

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a b c d e 8. Pro	FORM EPIP-3- quid Radiological Data Release concentration Release rate Release (circle one) has Actual or estimated dura Estimated total release ejected dose rates and in	uCi/s/has not terminated ation of release uCi	SC1/cc /sec
Who	ole Body		
a.	Site Boundary	mr/hr	mRem
b.	2 miles	mr/hr	mRem
c.	5 miles	mr/hr	mRem
d.	10 miles		mRem
9. Pro	jected Iodine Concentrat		se Commitment
(Ba	ased on actual or projected	duration of release).	
THY	ROID		
a.	Site Boundary	uCi/cc	mRem
b.	2 miles	uCi/cc	mRem
c.	5 miles	uCi/cc	mRem
d.	10 miles	uC1/cc	mRem
10. Est	timate of Surface conta	mination	dpm/100
cm ²	(obtain from field date)	m.R	lem/hr
11. Eme	ergency Actions in progess		
a.	Radiological survey team	ns onsite	
b.	Radiological survey team	ns offsite	
c.	Onsite fire brigade		
d.	Offsite fire department		
e.	Damage Control		
f.	First aid teams onsite		
8.	Ambulance service		
h.	Medical support		
i.	Environmental surveys of	ffsite	

_____ j. Other, specify _____

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FORM EPIP-3-6 (cont'd)

_14.	The condition may change to an (circle one ite Emergency; General Emergency	Unusual Event;
_15.	Offsite population sector(s) (refer to Zone Sector map) affected are	
_16.	The following changes in protective measur	
	for the population in these sectors. a. None	
_	b. Notify (projected offsite dose	,
_)
_	c. Take shelter (projected offsite dose_	
	d. Evacuate (projected offsite dose)
	d. Evacuate (projected offsite dose)
	c. Take shelter (projected offsite dose_ d. Evacuate (projected offsite dose_ Approved	Support Director)
	c. Take shelter (projected offsite dose_ d. Evacuate (projected offsite dose_ Approved	Support Director) Time)
	c. Take shelter (projected offsite dose_ d. Evacuate (projected offsite dose_ Approved	Support Director) Time)
	C. Take shelter (projected offsite dose	Support Director) Time)
	C. Take shelter (projected offsite dose_ d. Evacuate (projected offsite dose_ Approved	Support Director) Time)
	c. Take shelter (projected offsite dose_ d. Evacuate (projected offsite dose_ Approved	Support Director) Time)

Jersey Central Power & Light Company

Subject: Site Emergency

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Revisign No.	Date	7/21/	82
Authorized By Di	rector-Sta	tion Op	eratio

Approval/Concurrence

Project

Oyster Creek Nuclear Generating Station

LIST OF EFFECTIVE PAGES	DATE	REVISION NUMBER
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ATTACHMENTS		
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Form EPIP-4-2 (2 pages)	7/21/82	3
Form EPIP-4-3 (1 page)	7/21/82	3
Form EPIP-4-4 (1 page)	7/21/82	3
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NON-CONTROLLED This Document Will Not Be Kept **Up To Date**

Sugject:	Site Emergency	EPIP-4	Page 2 of 3 Pages
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1.0 PURPOSE

- 1.1 The purpose of this procedure is to define the conditions that shall be regarded as a Site Emergency for Oyster Creek Nuclear Generating Station and to:
 - 1.1.1 Ensure necessary actions are taken to protect the health and safety of the public.
 - 1.1.2 Ensure necessary actions are taken to notify offsite emergency response organizations.
 - 1.1.3 Mobilize the emergency response organizations to initiate appropriate emergency actions.

2.0 REFERENCES

- 2.1 OCNGS Emergency Plan
- 2.2 NUREG-0654 Rev 1, FEMA-REP-1 "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"
- 2.3 OCNGS Emergency Plan Implementing Procedures (EPIP)
 - 2.3.1 EPIP-1 Classification of Emergency Condition
 - 2.3.2 EPIP-2 Unusual Event
 - 2.3.3 EPIP-3 Alert
 - 2.3.4 EPIP-5 General Emergency

3.0 RESPONSIBILITIES

- 3.1 The Emergency Director is responsible for implementing this procedure.
- 3.2 Emergency Director responsibilities that may NOT be delegated include:
 - 3.2.1 Decision to notify offsite emergency management agencies.
 - 3.2.2 Making protective action recommendations as necessary to offsite emergency management agencies.
 - 3.2.3 Classification of Emergency Event.
 - 3.2.4 Determining the necessity for onsite accountability and/or evacuation based upon potential exposure to non-essential personnel.

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3.2.5 Authorization for emergency workers to exceed 10 CFR 20 radiation exposure limits.

4.0 PREREQUISITES

4.1 The site is in a condition that warrants Site Emergency declaration as defined by this procedure as judged by the Group Shift Supervisor/Emergency Director.

5.0 REQUIREMENTS

- 5.1 Emergency Actions
 - 5.1.1 The Group Shift Supervisor/Emergency Director, shall upon recognition of inplant or site conditions that have exceeded "Site Emergency, Emergency Action Levels" EPIP-4 Attachment 1 and no emergency action level of a higher classification, ensure "Emergency Director Checklist-Site Emergency" Form EPIP-4-1 is completed.

Site Emergency	EPIP-4	Page 1 of 5 Pages	
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'ACHMENT 1

SITE EMERGENCY, EMERGENCY ACTION LEVELS

1.0 EMERGENCY ACTION LEVELS INITIATING CONDITION

- 1.1 Known reactor coolant system leak exceeds available makeup capacity.
- 1.2 Degraded core with possible loss of coolable geometry

1.3 Steam line break outside containment without isolation

- 1.4 Loss of all offsite power coincident with the loss of both diesel generators for more than 15 minutes.
- 1.5 Loss of all vital DC power for more than 15 minutes

INDICATION

As indicated by automatic ECCS initiation due to either high drywell pressure or low reactor water level

Indicated by any or all of the following alarms:

- a. "Main Steam Line Hi-Hi Radiation", Panel 1F/2F, Window 4-16
- "Off Gas Hi-Hi Radiation", Panel 10F, Window 5-5
- c. "Reactor Water Hi-Hi Conductivity", Pane: 3F

As confirmed by sample and analysis

As indicated by any or all of the following verified alarms:

- a. "Main Steam Valves Off Normal", Panel 3F, Window 5-17
- b. "Main Steam Tunnel High Temperature", Panel 3F, Window 5-29
- "Area Radiation Monitors", Panel 10F (Verified on 2R as Turbine Building Monitors.)
- d. "Stack Gas High Radiation", Panel 10F, window 4-12

As indicated by reactor scram and by loss of offsite power and disabled alarms received from both diesel generators neither of which energizes the 1C or 1D 4160 Volt busses.

As indicated by the following:

- a. All battery voltmeters read 0 in the battery voltmeter position, Panel 8F/9F and
- b. There is no light or control power available.

Site Emergency

Site Emergency

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ATTACHMENT 1 (cont'd)

SITE EMERGENCY, EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.6 Complete loss of any function needed for plant hot shutdown when hot shutdown is required.

1.7 Reactor pressure exceeds 1375 PSIG

- 1.8 Transient requiring operation of shutdown systems with a failure to SCRAM, no core damage evident.
- 1.9 Major damage to spent fuel resulting in uncontrolled release of radioactive material or uncontrollable decrease in fuel pool water below top of spent fuel
- 1.10 Fire affecting the function of a safety system
- 1.11 Sustain loss of most or all annunciators coupled with plant transient.

INDICATION

As indicated by a complete loss of any of the following:

- a. Ability to insert control rods in conjunction with failure of standby liquid control system.
- b. All means to concrol reactor pressure (EPR, MPR, Isolation Condensers & Electromatic Relief Valves).
- Both normal and emergency makeup water to core.

Indicated by "Safety or Relief Valve Not Closed" Alarm, Display B, Panel 1F/2F, Window 4-34

verified by: "Steam Flow Steam Pressure Recorder", Panels 5F/6F, indicating 1375 PSIG

Group Shift Supervisor judges that SCRAM setpoint has been exceeded SCRAM has not occurred, a transient is in progress and the standby liquid control system has failed.

Indicated by any or all of the following verified alarms:

- a. "Fuel Pool Low Level", Panel 5F
- b. "Reactor Building Ventilator Hi Radiation", Panel 10F, Window 7-23
- c. "Fuel Pool Area Hi Radiation", Panel 10F, Window 2-18
- d. "Reactor Operating Floor Hi-Radiation" Panel 10F, Window 1-9
- As judged by the Group Shift Supervisor
- As judged by the Group Shift Supervisor

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Site Emergency

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ATTACHMENT 1 (cont'd)

SITE EMERGENCY, EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.12 Actual or projected dose rate offsite exceeds 5 mr/hr whole body for 1/2 hour or 25 mr/hr to the child thyroid.

Actual or projected integrated doses offsite exceed 50 mRem whole body or 250 mRem to the child thyroid

- 1.13 Imminent loss of physical control of the plant coupled with intrusion
- 1.14 Severe natural phenomena being experienced or projected with plant not in cold shutdown

INDICATION

As indicated by offsite radiological monitoring or dose projections.

- A projected dose rate calculation exceeding 5 mr/hr whole body for 1/2 hour or 25 mr/hr to the child thyroid using adverse meterology and calculated effluent leak rates.
- b. Offsite radiological monitoring reports of greater than 5 mr/hr whole body for 1/2 hour (gamma) at any offsite location.
- c. A projected integrated dose calculation exceeding 50 mRem whole body or 250 mRem to the child thyroid for the event.

As judged by the Group Shift Supervisor

Plant is not in cold shutdown and any of the following phenomenon are being experienced or projected:

- a. An earthquake causing major damage to equipment necessary for shutdown.
- b. Sustained hurricane or tornado winds greater than 125 MPH
- c. Flood or low water level affecting operation of safe shut-down equipment when required to operate.

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ATTACHMENT 1 (cont'd)

SITE EMERGENCY, EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.15 Other hazards being experienced or projected with the plant not in cold shutdown

1.16 Other plant conditions are in progress or have occurred which may involve actual or likely major failures of plant functions needed for protection of the public.

INDICATION

Plant is not in cold shutdown and any one of the following phenomena are being experienced or projected:

- a. Aircraft crash which, in the judgement of the Group Shift Supervisor affects vital plant structures by impact or fire.
- b. Explosion or missile damage which, in the judgement of the Group Shift Supervisor, causes severe damage to safe shutdown equipment.
- c. Entry of toxic or flammable gases into vital areas which, in the judgement of the Group Shift Supervisor, affects operation of safe shutdown equipment.

As judged by the Group Shift Supervisor/Emergency Director.

NOTE: In exercising the judgment as to the need for declaring a Site Emergency. any uncertainty concerning the status of plant needed functions for protection of the public, the length of time the uncertainty exists, the prospects for early resolution of ambiguities, early and the potential degradation of the plant functions needed protection of the public should be considered; i.e., significant uncertainty as to the reliability of plant functions for protecting the public extending beyond a reasonable time period is a sufficient basis for declaring a Site Emergency.

Site Emergency	EPIP-4	Page 5 of 5 Pages	
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ATTACHMENT 1 (cont'd)

SITE EMERGENCY, EMERGENCY ACTION LEVELS

INITIATING CONDITION

1.17 Control Room evacuation where control of the shutdown systems is not established locally within 15 minutes

INDICATION

Control Room is evacuated and control (or verification of all of the following systems or equipment is not established locally within 15 minutes:

- a. Emergency Condensers
- b. Waactor water level
 - c. Reactor pressure
 - d. Reactor Temperature
 - e. Drywell pressure
 - f. Control rods

Suaject:	Site Emerg	ency		Proceeding No.		Page 1 of 6 Page
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			Form I	EPIP-4-1		
		E	ERGENCY DIRECTOR CHE	ECKLIST - SITE EN	ERGENCY	
INIT	IALS					
	1.0	EMER	GENCY ACTIONS			
		1.1	The Group Shift So to complete this c mark N/A (Not appl	hecklist, initia	ncy Directleach ac	tor is responsible
		1.2	of Site Emergency	classification,	the Grou	require declaration up Shift Supervisor ergency Director.
-			1.2.1 Announce that Emergency Di		100	Room personnel ed the duties of
-		1.3	Assign a Communicated in Site Emergency".	ator to make no Form EPIP-4-2 "1	tificatio Notificat	ons to persons and ion Checklist -
				communicator wa		Record-a-phone and
_	-	1.4	Announce (or instr lines of the follow	uct a communicat	or to and	nounce) appropriate lic Address System:
			Sound the "S"	TATION ALERT ALAM	M" for 1	O seconds.
			ATTENTION ALI	L PERSONNEL, ATT	NTION AL	L PERSONNEL
			A SITE EMERGI	ENCY HAS BEEN DEC	CLARED.	
			ORGANIZATION	MEMBERS OF REPORT TO EMER AIT FURTHER INSTR	GENCY CE	MERGENCY RESPONSE ENTERS. ALL OTHER
			EATING, DRING FURTHER NOTICE		ING ARE	PROHIBITED UNTIL
			(REPEAT THE A	ANNOUNCEMENT)		
		1.5	Immediately initiat	te Offsite Dose A	ssessmen	t, EPIP-9.
		1.6	Emergency Support (Centers Activated	:	

1.6.1 Ensure the pagers of the On-Duty Initial Emergency Response Team have been activated by Security.

Site Emerg	ency		EPIP-4		140 2 1f 6 2148
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		Form EPIP-	4-1 (cont'd)		
	EMEDOENCE		ECKLIST - SITE EM		
INITIALS	ELEROE IV	DIRECTOR CHE	CALISI - SIIE EM	ERGENCY	
	1.6.2	Ensure Secur Centers.	rity has unlocke	d and ope	n the Emergency
	1.6.3	Technical Sur Time Operation	pport Center, EPI	P-26	
	1.6.4	Operation Sup Time Operation	pport Center, EPI	P-27-	
	1.6.5	Environmental Time Operation	l Assessment Commonal	and Center,	EPIP-3
	1.6.6	Nearsite Emer	rgency Operations	Facility,	EPIP-25
	1.6.7	Farsite Emerg	gency Operations	Facility, E	PIP-28
	1.6.8		echnical Function	s Center, E	PIP-17
	1.7 Notif	ication Messag	ges		
	1.7.1		Emergency" and g		Notification the communicator
		15 min	rsey State Police utes after the re Level has been e	ecognition	
		1.7.1.1	Ensure initial no	tification	is received by:
			New Jersey S neadquarters, com	State Pol	icy (division
			Muclaar Pagulata	nd Committee	

Center

Sudject:	Site Eme:	rgency		Procedure No.	Page 3 of 6 Pages
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			Form EP	P-4-1 (cont'd)	
		EMERG	ENCY DIRECTOR	CHECKLIST - SITE EMERGEN	CY
1	NITIALS				
		1.	Operations	Form EPIP-4-4 "Institutes and American Nuclear Interpretation of the Emergency" and given ission.	insurers. Notification
			1.7.2.1	Ensure initial notific	cation is received by:
				and	Power Operations (INPO)
_		1.8 Fo	. 11 Va	American Nuclear Insu	rers (ANI)
			ollowup Message		
		1.	message - Site E	ersonnel to gather in Forms EPIP-4-6 "Addition mergency" <u>and</u> EPIP-4-5 n Station Status Checklis	al Information Message "Bureau of Radiation
			1.8.1.1	received by the	formation messages are Nuclear Regulatory s Center at regular
			1.8.1.2		Radiation Protection cklist messages are sted) by the Bureau of
			1.8.1.3	ANI with informat	contacts from IMPO and ion requested when uest assistance deemed
-		1	accordance Reportable	propriate followup act: with administrative Occurrence and/or ion of Station Events.	ve procedure 106.1
		f	ollowing proces	nitiate (if not previous dures and ensure all appoint a timely manner by a contract of the state	propriate notifications
-		1		Injury, EPIP-7. Ens	

1.9.2 Fire, EPIP-8. Ensure notifications in 1.9.5.5 thru

1.9.5.7 are completed as appropriate.

Site Emerger	псу	EPIP-4	Page and Sage
		Remaion No. 3	Sare 7/21/82
	Form El	PIP-4-1 (cont'd)	
INITIALS	EMERGENCY DIRECTOR	CHECKLIST - SITE EMERGENC	Ā
	1.9.3 Toxic/Fla	ammable Gas Release, tions in 1.9.5 are complete	EPIP-15. Ensure
	1.9.4 Search a	nd Rescue, EPIP-22. Ensthru 1.9.5.6 are completed	ure notifications in as appropriste.
	1.9.5 Notificat required)	tions and request for of	fsite assistance (as
	1.9.5.1	Onsite Medical Departme	ent /
	1.9.5.2	Lacey First Aid Squad/F	ire Department
	1.9.5.3	Community Memorial Hosp Telephone	ital
	1.9.5.4	Radiation Management Co Telephone	rporation
	1.9.5.5	OCNGS Security Departme Telephone '	nt
	1.9.5.6	Lacey Fire Department/F	irst Aid Squad
	1.9.5.7	Fire Protection Manager	
			vated with Initial ponse Team beepers.
	1.10 Initiate the reports:	following procedures and	continually monitor
	1.10.1 Eme	ergency Radiological Survey	-Onsite, EPIP-10.

1.10.2 Emergency Radiological Survey-Offsite, EPIP-11.

Date

Date

Time

Time

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Form EPIP-4-1 (cont'd)

EMERGENCY DIRECTOR CHECKLIST - SITE EMERGENCY INITIALS 1.10.3 Personnel Accountability, EPIP-12. Date/Time / 1.10.3.1 Ensure immediate notifications are made to: OCNGS Security Department via Primary: Dark Green Phone, dial Code Alternate: Telephone B. Station Personnel via the Plant Page System per EPIP-12. 1.10.3.2 If no personnel accountability completion report is received within 30 minutes after initiation, contact Station Security for a status report. 1.10.3.3 Report of personnel accountability completion received, personnel unaccounted for. 1.10.4 If personnel are unaccounted for, implement Search and Rescue, EPIP-22. Ensure notifications in 1.9.4 are completed. Date/Time / 1.10.5 Site Evacuation, EPIP-13 (upon completion of personnel accountability). Date/Time / 1.10.5.1 Ensure notifications in 1.10.3.1 are completed. 1.11 Emergency Directors discretion, to initiate the following procedures: Damage Control, EPIP-14. Date/Time / 1.11.4 Emergency Dosimetry, EPIP-19. Date/Time / 1.11.5

Emergency

Date/Time /

Thyroid Blocking, EPIP-23. Date/Time /

Respiratory Equipment, EPIP-7.

1.11.6

1.11.7

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Form EPIP-4-1 (cont'd)

INITIALS	EMERGENCY DIRECTOR CHECKLIST - GENERAL EMERGENCY
	1.12 IF emergency action levels exceed those for a Site Emergency escalate to General Emergency classification, EPIP-Date/Time
	1.13 IF recovery conditions have not been met and Site Emergence Action Levels are no longer being exceeded, de-escalate to lower emergency classification by performing notifications accordance with:
	Date/Time of reclassification/
	1.13.1 Unusual Event, EPIP-2. 1.13.2 Alert, EPIP-3.
	1.14 IF recovery phase conditions have been met, initiate the Recovery Phase in accordance with EPIP-29. Date/Time /
	1.15 IF no further emergency actions are required, terminate to Site Emergency. Date/Time /
	1.15.1 Ensure all offsite agencies and GPU Nuclea personnel notified of the Site Emergency receivements termination notification.

NOTIFICATION CHECKLIST - SITE EMERGENCY

INITIALS Initial each item upon completion

1. With Emergency Directors approval announce appropriate lines of the following message over the Plant Page System:

Sound the "STATION ALERT ALARM" for 10 seconds.

ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL

A SITE EMERGENCY HAS BEEN DECLARED.

ALL ON-DUTY MEMBERS OF THE EMERGENCY RESPONSE ORGANIZATION REPORT TO EMERGENCY CENTERS. ALL OTHER PERSONNEL AWAIT FURTHER INSTRUCTIONS.

EATING, DRINKING, AND SMOKING IS PROHIBITIED UNTIL FURTHER NOTICE.

(REPEAT THE ANNOUNCEMENT)

Notify OCNGS Security, direct them to activate the Record-a-phone and the Adas VI with the appropriate messages, activate the pagers of the Initial Emergency Response Team on duty and unlock the TSC, OSC, EACC, & NEOF. Instruct Security to contact one member to fill each position on the Full Mobilization Emergency Duty Roster.

NOTE: The Emergency Advisor shall ensure the VP-Nuclear Assurance, the GPU-Nuclear Board of Directors and the GPU-Reading Dispatch Control Center are notified.

Primary: Station Security/Accountability Line Dark Green Phone, Dial Code Alternate: Ext.

3. Notify the New Jersey State Police within 15 minutes of classification. Transmit "Initial Notification Message - Site Emergency" EPIF-4-3 with Emergency Director approval.

Primary: State Hot Line (Notification Line) Gray Phone Alternate: (If Primary Is Out of Service)

NOTE: IF State Police Verification Call is not received within one minute, re-establish contact via state Hot Line and request verification call on the State Police Verification Line immediately.

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Site B	mergency		EPIP-4	Page 2 of 2 Pages
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		FORM EPIP-4-2 (co	ont'd)	
	NOTITE			
	NOTIFIC	CATION CHECKLIST -	SITE EMERGENCY	
INITIALS				
	Power Ope	e following agencierations and Ameri Site Emergency EPI	ican Nuclear	"Institute of Nuclear Insurers Notification
	A. Insti	tute of Nuclear Pow	er Operations	Tel: '
	B. Ameri	can Nuclear Insurer	s Tel:	
	5. Notify the	United States Nuc	lear Regulator	ry Commission Operations
	Primary:	Initial Notification NRC-ENS Line (Lift (1) Commercial v	receiver from	Emergency EPIP-4-3 cradle) Red Phone
	Al ternate.	(2) Commercial v		ng
		(3) NRC-HPN Line (4) Commercial v		
		(4) Commercial v	ia wethesda	
		Open-line communica ENS Line throughout		is to be maintanined on situation.
	transmit " - Site Eme	Bureau of Radiationergency" EPIP-4-5 v	n Protection S	ation Protection (BRP) tation Status Checklist nformation Line located t Supervisors Office)
	Commission		s directed by	the Muclear Regulatory the Emergency Director

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INITIAL NOTIFICATION MESSAGE - SITE EMERGENCY

(Circle One) THIS IS NOT AN EXERCISE - I REPEAT - THIS IS NOT AN EXERCISE

THIS IS A DRILL - THIS IS A DRILL

MES SAGE WILL BEGIN AND END WITH:

THIS	IS	A NOTI	AT CYSTER CREEK NUCLEAR GENERATING STATION FICATION OF A SITE EMERGENCY CLASSIFICATION
THIS	EVI	ENT WAS	CLASSIFIED AT ON (Date)
	[]	THERE IS NO RELEASE IN PROGRESS
	[1	WE HAVE A CONTROLLED RELEASE IN PROGRESS
	[1	WE HAVE AN UNCONTROLLED RELEASE IN PROGRESS
	[1	NO PROTECTIVE ACTIONS ARE RECOMMENDED
	[1	WE RECOMMEND SHELTERING FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
	[1	WE RECOMMEND EVACUATION FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
			APPROVED EMERGENCY DIRECTOR DATE TIME-24 HR
TIME	NO	TIFIED/	VERIFIED THIS MESSAGE HAS BEEN TRANSMITTED TO:
		/_	NEW JERSEY STATE POLICE via State Hot Line (Gray Ph
		/_	UNITED STATES NUCLEAR REGULATORY COMMISSION via N

RESTATED MESSAGE CORRECTLY IN ITS ENTIRETY BACK TO THE OYSTER CREEK COMMUNICATOR.

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INSTITUTE OF NUCLEAR POWER OPERATIONS & AMERICAN NUCLEAR INSURERS NOTIFICATION MESSAGE - SITE EMERGENCY

		at Oyster Cree
	(Name/Title)	
Nuclear Gen	erating Station. A Site Emergency	was declared in
	and all the second seco	,
accordance	with our Emergency Plan at(Time.	/) / (Date)
	(lime) / (Date)
Description	of Emergency:	
		REAL PROPERTY FAIR OF THE
	requested:	
Assistance	requested:	
Approved		
	(Emergency Director/Emergency Supp	
	(Emergency Director/Emergency Supp	port Director)
	(Emergency Director/Emergency Supp	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date)	port Director)
	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date)	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power Operations	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power Operations	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power Operations	oort Director) (Time)
Approved	(Emergency Director/Emergency Supp (Date) To: Insitute of Nuclear Power Operations	oort Director) (Time)

Site Emergency	EPIP-4	Page 1 of 2 Pages
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	Site Emergency	Site Emergency EPIP-4

FORM EPIP-4-5

STATUS CHECKLIST - SITE EMERGENCY

1.	Date and Time of Incident: Date: Tim	e:	(24-Hr. C	lock)
2.	Accident Classification: SITE EMERGENCY			
3.	Type of Release: (circle one) GASEOUS	LIQUID		
	Cause of Incident and System Involved (if km	iown):		
5.	Is Reactor Shutdown: (circle one)	Yes	No	
6.	Gaseous Release Information (a) Release Terminated: (circle one)	Yes	No	
	(b) Estimated Duriation of Release:		Hours	
	(c) Type of Gaseous Release (circle one)	Elevate	ed Groun	ıd
	(d) Windspeedmphm/sec			
	(e) Wind Direction: From:	(o) To	ward	_(o)
	(f) Stability Class: (circle one) Unst	able	Neutral	Stable
	(g) Release Rate Noble Gas:	Ci/5	Sec.	
	(h) Release Rate Iodine (if known)			
7.	Liquid Release Information (a) Release Terminated (circle one)	Yes	No	
	(b) Estimated Duration of Release:		Hours	
	(c) Estimated Release Concentration		uCi/cc	
	(d) Release Rate	J., 77.	gpm	

	Site Emergency		EPIP-4	Page 2 at 2
		Aev	nsian NG.	7/21/82
	P	ORM EPIP-4-5 (cont'd)		
8.	Projected Offsite Doses (a) Whole Body			
	Distance Miles) 1. 2. 3. 4. 5.	Dose Rate mRem/hr	Time to Reach	PAG(hrs.)
	(b) Child Thyroid			
	Distance Miles) 1. 2. 3. 4. 5.	Dose Rate Rem/hr	Time to Reach	
9.	Recommended Frotective	Actions:		
10.	Status Checklist appro Director/Emergency Supp		to NJBRP by Er	nergency
11.	(Signature) Status Checklist transm	isted to NIRPD.	(Date/Time)	
	Transmitted to:	(Name)		

(OCNGS Communicator)

(Location) (Date/Time)

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FORM EPIP-4-6

ADDITIONAL INFORMATION MESSAGE - SITE EMERGENCY

Check () all appropriate statements to be transmitted as inforantion is available

1.	This is	acting under th
	Direction of	the Emergency
	(Emergency Director)	
	Director at Oyster Creek Nuclear Generating	Station. The
	following is provided as additional information	for the initia
	notification of Site Emergency.	
2.	DATE/TIME OF CLASSIFICATION	
_	a. Time:(24 ho	ur clock)
	b. Date: Month Day	Year
	Plant Status	
_	a. Reactor (circle one) is/is not shutdown.	
_	b. The plant (circle one) is/is not in a safe	condition.
_ '	c. Reactor is subcritical, coolant is being ma	intained over t
	core, and containment integrity is satisfac	tory.
	Type of release (circle one) airborne; liquid; s	urface soil.
. !	Meteorological Data	
_ (a. Wind speedMPH	
_ 1	b. Wind direction(from)(toward)
_ (c. Stability class (circle one) unstable; neut	ral; stable
_ (d. Precipitation (circle one) rain; sleet; sno	<u>u</u>
. (Gaseous Radiological Data	
_	a. Noble gas release rate	uCi/sec
_ 1	. Iodine 131 release race	uCi/sec
_ (. Release (circle one) has/has not terminated	
	d. Actual or estimated duration of release:	

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8.	FORM EPIP-4-6 Liquid Radiological Data a. Release concentration b. Release rate c. Release (circle one) has/h d. Actual or estimated durati e. Estimated total release Projected dose rates and integ projected duration of release) Whole Body a. Site Boundary b. 2 miles	uCi nas not terminated on of release uC grated dose (Based o	in_actual or
			mRem
		mr/hr	mRem
	(Based on actual or projected of THYROID a. Site Boundary		nRem
		uCi/cc	
		· uCi/cc	
		uCi/cc	
10			
10.	Estimate of Surface contamina	tion	dpm/100
10.	Estimate of Surface contamina cm ² (obtain from field date)		dpm/100 Rem/hr
	,		
	cm ² (obtain from field date)	m	
	cm ² (obtain from field date) Emergency Actions in progess:	onsite	
	cm ² (obtain from field date) Emergency Actions in progess: a. Radiological survey teams.	onsite	
	cm ² (obtain from field date) Emergency Actions in progess: a. Radiological survey teams. b. Radiological survey teams	onsite	
	cm ² (obtain from field date) Emergency Actions in progess: a. Radiological survey teams. b. Radiological survey teams. c. Onsite fire brigade	onsite	
	cm ² (obtain from field date)	onsite	
	cm ² (obtain from field date)	onsite	
	cm ² (obtain from field date)	onsite	

j. Other, specify

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	FORM EPIP-4-6 (c	ont'd)	
12	. Additional support required (spe	cify)	
13	The condition may change to an (circle one) Unusual F	vent:
Later 1	Alert; General Emergency	crete one, ondsdar c	venc.
14	Offsite population sector(s) (re	efer to Emergency D1	anning Zone
-			
	Sector map) affected are		
16			
	. The following changes in protect		ommended for
	the population in these sectors.		
	a. None		
	b. Notify (projected offsite d		
	c. Take shelter (projected off		
	d. Evacuate (projected offsite	dose)
16	Approved	Emergency Support Dir	
	(cmergency Director/	emergency support bir	eccory
		7-1	
	(Date)	(Time)	
17.	Transmitted To:	TIME: NOTIFIED/V	ERIFIED.
	a. United States Nuclear Regula	atory .	
	Commission.	/	
	b. New Jersey Bureau of Radiat	ion	
THE RESIDENCE OF THE PERSON NAMED IN			
	Protection.		
	Protection.		

(Date)

(Communicator)

JCP&L /GPU

Jersey Central Power & Light Company

Subject: General Emergency

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Date Issued 2/23/81		Effective Date (8/13/82) 8/23/82
Revision No.	3	Date 7/21/82
Authorized By	Dire	ctor-Station Operation

Approval/Concurrence

Project:

Oyster Creek Nuclear Generating Station

LIST OF EFFECTIVE PAGES	DATE	REVISION NUMBER
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2	7/21/82	3
3	7/21/82	3
ATTACHMENTS		
Attachment 1 (2 pages)	7/21/82	3
Form EPIP-5-1 (5 pages)	7/21/82	3
Form EPIP-5-2 (2 pages)	7/21/82	3
Form EPIP-5-3 (1 page)	7/21/82	3
Form EPIP-5-4 (1 page)	7/21/82	3
Form EPIP-5-5 (2 pages)	7/21/82	3
Form EPIP-5-6 (3 pages)	7/21/82	3

NON - CONTROLLED
This Document Will Not Be Kept
Up To Date

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1.0 PURPOSE

- 1.1 The purpose of this procedure is to define the conditions that shall be regarded as a General Emergency for Oyster Creek Nuclear Station and to:
 - 1.1.1 Ensure necessary actions are taken to protect the health and safety of the public.
 - 1.1.2 Ensure necessary actions are taken to notify offsite emergency response organizations.
 - 1.1.3 Mobilize the emergency response organizations to initiate appropriate emergency actions.

2.0 REFERENCES

- 2.1 OCNGS Emergency Plan
- 2.2 NUREG-0654 Rev. 1, FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants."
- 2.3 OCNGS Emergency Plan Implementing Procedures (EPIP)
 - 2.3.1 EPIP-1 Classification of Emergency Conditions
 - 2.3.2 EPIP-2 Unusual Event
 - 2.3.3 EPIP-3 Alert
 - 2.3.4 EPIP-4 Site Emergency

3.0 RESPONSIBILITIES

- 3.1 The Emergency Director is responsible for implementing this procedure.
- 3.2 Emergency Director responsibilities that may NOT be delegated include:
 - 3.2.1 Decision to notify offsite emergency management agencies.
 - 3.2.2 Making protective action recommendations as necessary to offsite emergency management agencies.
 - 3.2.3 Classification of Emergency Event.
 - 3.2.4 Determining the necessity for onsite accountability and/or evacuation based upon potential exposure to non-essential personnel.
 - 3.2.5 Authorization for emergency worders to exceed 10 CFR 20 radiation exposure limits.

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4.0 PREREQUISITES

4.1 The Site is in a condition that warrants General Emgergency declaration as defined by this procedure as judged by the Group Shift Supervisor/Emergency Director.

5.0 REQUIREMENTS

- 5.1 Emergency Actions
 - 5.1.1 The Group Shift Supervisor/Emergency Director, shall upon recognition of inplant or site conditions that have exceeded "General Emergency, Emergency Action Levels" EPIP-5 Attachment 1, ensure "Emergency Director Checklist-General Emergency "Form EPIP-5-1 is completed.

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ATTACHMENT 1

GENERAL EMERGENCY - EMERGENCY ACTION LEVELS

1.0 Emergency Action Levels

INITIATING CONDITION

- 1.1 Actual or projected dose rate offsite exceeds 50 mr/hr whole body or 250 mr/hr to the child thyroid
 - Actual or projected integrated doses offsite exceed 100 mRem whole body or 500 mRem to the child thyroid
- 1.2 Loss of 2 of 3 fission product barriers with a potential loss of the third
- 1.3 Loss of physical control of the plant with intrusion in progress.
- 1.4 Other plant conditions are in progress or have occurred which may involve actual or imminent substantial core degradation or melting, with potential for loss of containment integrity, or may make release of significant amounts of radioactivity in a short time possible.

INDICATION

As indicated by any one of the following:

- a. A projected dose rate calculation exceeding 50 mr/hr whole body or 250 mr/hr to the child thyroid using actual meterology and calculated effluent leak rates.
- b. Offsite radiological monitoring reports of greater than 50 mr/hr (gamma) at any offsite location.
- c. A projected integrated dose calculated exceeding 100 mRem whole body or 500 mRem to the child thyroid for the event

As judged by the Group Shift Supervisor from plant indications that 2 of 3 fission product barriers (fuel cladding, reactor coolant boundary, primary containment) have failed and there is a high potential for loss of the third.

As judged by the Group Shift Supervisor

As judged by the Group Shift Supervisor/ Emergency Director

- a. Loss of coolant accident with containment failure affecting the long term success of the ECCS. Core Degradation or melt in several hours without containment boundary.
- b. Loss of coolant accident with failure of ECCS to perform lending to core melt degradation in minutes to hours. Loss of containment may be imminent.
- c. Transient occurs plus failure of requisite core shutdown systems could lead to core melt in several hours with containment failure likely.

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ATTACHMENT 1 (cont'd)

GENERAL EMERGENCY - EMERGENCY ACTION LEVELS

d. Shutdown occurs but decay heat removal capability is lost. Core degradation or melt could occur in ten hours with subsequent containment failure.

NOTE:

In exercising the judgement as to the need for declaring a General Emergency, any uncertainty concerning the potential for large releases of radioactive material, the length of time the uncertainty exists, and the prospects for the early resclution of ambiguities should be considered, i.e. significant uncertainty as to the potential for large releases of radioactive material extending beyond a reasonable time period is a sufficient basis for declaring a General Emergency.

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Form EPIP-5-1

EMERGENCY DIRECTOR CHECKLIST - CLUERAL EMERGENCY

INITIALS

		The second second second second
1.0	EMERGENCY	ACTTONS
* * ~	THE RESERVE AND THE PARTY OF THE	UPTTOIL

- 1.1 The Group Shift Supervisor/Emergency Director is responsible to complete this checklist, initial each action completed or mark N/A (Not applicable).
- 1.2 Upon recognition of site conditions that requires declaration of General Emergency Classification, the Group Shift Supervisor shall assume the duties of the Emergency Director.

 Date/Time /
 - 1.2.1 Announce to Control Room personnel that has assumed the duties of Emergency Director.
- 1.3 Assign a Communicator to make notifications to persons and agencies listed in Form EPIP-5-2 "Notification Checklist -General Emergency".
 - 1.3.1 Provide the communicator with the Record-a-phone and Adas VI messages deemed appropriate.
- 1.4 Announce (or instruct a communicator to announce) appropriate lines of the following message over the Public Address System:

Sound the "STATION ALERT ALARM" for 10 seconds.

ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL

A GENERAL EMERGENCY HAS BEEN DECLARED.

ALL ON-DUTY MEMBERS OF THE EMERGENCY RESPONSE ORGANIZATION REPORT TO EMERGENCY JENTERS.

ALL OTHER PERSONNEL AWAIT FURTHER INSTRUCTIONS.

EATING, DRINKING, AND SMOKING IS PROHIBITED UNTIL FURTHER NOTICE.

(REPEAT THE ANNOUNCEMENT)

1.5 Immediately initiate Offsite Dose Assessment, EPIP-9.

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			tota fblb-0-1 (cout.q)	
INITIALS	EM	ERGENCY DI	RECTOR CHECKLIST - GENERAL EMERGENCY	
INITIALS				
	1.6	Emergency	Support Centers Activated:	
		1.6.1	Ensure the pagers of the On-Ducy Initial Eme Response Team have been activated by Security.	ergency
		1.6.2	Ensure Security has unlocked and open the Eme	rgency
		1.6.3	Technical Support Center, EPIP-26 Time Operational	
		1.6.4	Operation Support Center, EPIP-27 Time Operational	
		1.6.5	Environmental Assessment Command Center, EPIP-	31
		1.6.6	Nearsite Emergency Operations Facility, EPIP-25 Time Operational	5
		1.6.7	Farsite Emergency Operations Facility, EPIP-28 Time Operational	
		1.6.8	Parsippany Technical Functions Center, EPIP-17 Time Operational	
	1.7	Notificat:	Lon Messages	
		1.7.1	Complete Form EPIP-5-3 "Initial Notification Me General Emergency" and give it to a communicat transmission.	
			NOTE: New Jersey State Police are to be musthin 15 minutes after the recong that a Emergency Action Level has exceeded.	gnition
			1.7.1.1 Ensure initial notification is receive	red by:
			New Jersey State Police (di headquarters, communication center)	vision
			Nuclear Regulator Commission Oper Center.	ations
		1.7.2	Complete Form EPIP-5-4 "Institue of Nuclear Operations and American Nuclear Institution Message - General Emergency" and it to a communicator for transmission.	surers,

Cualect:	General	Emergen	псу		EPIP-		299 3 of 5 2995
					Revision	NG. 3	Date 7/21/82
				Form EPIP-5	-1 (cont'd)		
		EME	ERGENCY D	DIRECTOR CHECK	LIST - GENER	AL EMERGENCY	
	INITIALS			1.7.2.1 E	nsure initia	l notificati	on is received by:
						Nuclear Power and ear Insurers	Operations (INPO)
		1.8	Followup	Messages			
			1.8.1	Message - G	eneral Emerg Protection	ency and EP	nation for update onal Information PIP-5-5 "Bureau of tus Checklist -
				C	eceived by	the Nuc	tion messages are lear Regulatory enter at regular
				S	tation Stat	us Checklis n requested)	ation Protection st messages are by the Bureau of
				a:	nd ANI with	informatio	ntacts from INPO n requested when assistance deemed
			1.8.2	accordance Reportable	with admi	nistrative and/or 12	are initiated in Procedures 106.1 6 Procedure for
		1.9	followin		and ensure	all appropri	implemented) the ate notifications cator:
			1.9.1				notifications in as appropriate.
			1.9.2			otifications s appropriate	in 1.9.5.5 thru
			1.9.3	The second secon		Release E	PIP-15. Ensure i as appropriate.
			1.9.4				notifications in as appropriate.

Sugjecti	Genera	l Emergency			EPIP-5	1	Page 4 of 5 Pages		
					Revision No.	3	3410 7/21/82		
			Form EPIF	P-5-1 ((cont'd)				
		EMERGENCY DI	EMERGENCY DIRECTOR CHECKLIST - GENERAL EMERGENCY						
	INITIALS	1.9.5	Notificat required)	tions a	and request	for offsi	te assistance (as		
			1.9.5.1		e Medical I	Department			
			1.9.5.2	-	First Aid	Squad/Fire	Department		
			1.9.5.3	Commu	nity Memori	al Hospita	1		
			1.9.5.4		iton Manage	ment Corpo	ration		
			1.9.5.5		Security D	Department			
			1.9.5.6	Lacey	Fire Depar	tment/Firs	t Ald Squad		
			1.9.5.7	Fire NOTE:		activated	with Initial Team beepers.		
		1.10 Initiate reports:	the foll	owing	procedures	and con	tinually monitor		
	—	1.10.1	Emergency	Radio	logical Sur	vey - Onsi	te, EPIP-10 / Time		
		1.10.2	Emergency	Radio	logical Sur	vey - Offs:	ite, EPIP-11 / Time		
		1.10.3	Site Evac	uation	, EPIP-13	Date	/ Time		
			1.10.3.1	Ensur	e immediate	notificati	ions are made to:		
					OCNGS Secur Primary: D Alternate:	ark Green H	Phone, dial Code		
					Station Per System per		the Plant Page		

Genera	1 Emergency		Procedure No.	lade 5 of 5 Pages
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INITIALS	EMERGENCY D	IRECTOR CHE	-5-1 (cont'd) CKLIST - GENERAL EMERGEN If no personnel account report is received with initiation of site evac Station Security for a	ability completion in 30 minutes after uation contact
		1.10.3.3	Report of personn received, unaccounted for.	el accountability personnel
=	1.10.4	and Rescu	nnel are unaccounted fo ne, EPIP-22. Ensure not eted. Date/Time	
	1.11 Emergency procedure		discretion, to init	iate the following
	1.11.1	Damage Co	ntrol, EPIP-14. Date/Ti	me /
	1.11.2	Faergency	Dosimetry, EPIP-19. Da	re/Time

Thyroid Blocking, EPIP-23. Date/Time

1.12 IF recovery conditions have not been met and General Emergency, Emergency Action Levels are no longer being

1.13 IF recovery phase conditions have been met, initiate the

1.14 IF no further emergency actions are required, terminate the

Ensure all offsite agencies and GPU Nuclear

personnel notified of the General Emergency receive

performing notifications in accordance with:

Unusual Event, EPIP-2.

Site Emergency, EPIP-4.

Recovery Phase in accordance with EPIP-29.

termination notification.

General Emergency. Date/Time /

Alert, EPIP-3.

or

Date/Time of reclassification /

Respiratory

exceeded, de-escalate to a lower emergency classification by

Equipment,

EPIP-2.

1.11.3

Emergency

Date/Time

1.11.4

1.12.1

1.12.2

1.12.3

1.14.1

Date/Time /

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FORM EPIP-5-2

NOTIFICATION CHECKLIST - GENERAL EMERGENCY

INITIALS

Initial each item upon completion

With Emergency Directors approval announce appropriate lines of the following message over the Plant Page System:

Sound the "STATION ALERT ALARM" for 10 seconds.

ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL

A GENERAL EMERGENCY HAS BEEN DECLARED.

ALL ON-DUTY MEMBERS OF THE EMERGENCY RESPONSE ORGANIZATION REPORT TO EMERGENCY CENTERS.

ALL OTHER PERSONNEL AWAIT FURTHER INSTRUCTIONS .

EATING, DRINKING, AND SMOKING IS PROHIBITED UNTIL FURTHER NOTICE.

(REPEAT THE ANNOUNCEMENT)

Notify OCNGS Security and direct them to activate the Record-a-phone and Adas VI with the appropriate messages, activate the pagers of the Initial Emergency Response Tram on duty and unlock the TSC, OSC, EACC, & NEOF. Instruct Security to contact one member to fill each position on the Full Mobilization Emergency Duty Roster.

NOTE: The Emergency Advisor shall ensure the VP-Nuclear Assurance, the GPU-Nuclear Board of Directors and the GPU-Reading Dispatch Control Center are notified.

Primary: Station Security/Accountability Line Dark Green Phone. Dial Code Alternate: Ext.

3. Notify the New Jersey State Police within 15 minutes of classification. Transmit "Initial Notification Message - General Emergency" EPIP-5-3 with Emergency Director approval. Primary: State Hot Line (Notification Line) Gray Phone Alternate: (If Primary Is Out of Service)

NOTE:

IF State Police Verification Call is not received within one minute, re-establish contact via state Hot Line and request verification call on the State Police Verification Line immediately.

IF Alternate Verification means is required instruct State Police to verify by dialing

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	INITIALS			6-2 (cont'd) ST - GENERAL EMERGENCY	
	INTITALS				
		4.	River. Transmit "I Emergency" EPIP-5-3 Primary: Ocean Coun	unty Sheriff Communication Onitial Notification Only Hot Line accurity and Accountabil	Message - General
		5.	Notify Lacey Townshi Notification Message Primary: Alternate:	p Police Department General Emergency" EP	Transmit "Initial IP-5-3
		6.	Notify the following Power Operations and Message - General Emer	agencies: Transmit "I American Nuclear Ins gency" EPIP-5-4	Institute of Nuclear surers Notification
			A. Institute of Nucl B. American Nuclear	lear Power Operations T	el:
		7.	Operations Center Transmit "Initial Noti Primary: NRC-ENS Line Alternate: (1) Comme (2) Comme (3) NRC-ENS	States Nuclear Reg dification Message-Gener (Lift receiver from c ercial via Bethesda ercial via Silver Spri EPN Line - Dial ercial via Bethesda	al Emergency" EPIP-5-3
				emmunication with NRC i	
		8.	Checklist - General	Radiation Protection Emergency EPIP-5- ed in the Emergency Co	on Station Status -5 via, the BRP
		9.	Transmit additional Regulatory Commission Emergency Director u General Emergency EPI	and other agencies sing "Additional Info	directed by the

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General Emerge	cy	PIP-5	Page 1 of 1 Pages
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FORM EPIP-5-3 INITIAL NOTIFICATION MESSAGE - GENERAL EMERGENCY

MESSAGE WILL BEGIN AND END WITH:

(CIRCLE ONE) THIS IS NOT AN EXERCISE - I REPEAT - THIS IS NOT AN EXERCISE

OR

THIS IS A DRILL - THIS IS A DRILL

			(Name) (Title) AT OYSTER CREEK NUCLEAR GENERATING STATION
THIS	IS	A NOTI	FICATION OF AN GENERAL EMERGENCY CLASSIFICATION
THIS	EVE	ENT WAS	CLASSIFIED AT ON (Date)
	[1	THERE IS NO RELEASE IN PROGRESS
	[1	WE HAVE A CONTROLLED RELEASE IN PROGRESS
	[1	WE HAVE AN UNCONTROLLED RELEASE IN PROGRESS
	[]	NO PROTECTIVE ACTIONS ARE RECOMMENDED WE RECOMMEND SHELTERING FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
	ſ	1	WE RECOMMEND EVACUATION FOR THE FOLLOWING DIRECTIONAL SECTOR(S)
			AP PROVE D EMERGENCY DIRECTOR DATE TIME-24 HR
IME	NOT	IFIED/	VERIFIED
			THIS MESSAGE HAS BEEN TRANSMITTED TO:
		/_	NEW JERSEY STATE POLICE via State Hot Line (Gray Phone)
		/_	UNITED STATES NUCLEAR REGULATORY COMMISSION via NRC-ENS Line (Red Phone)
		/_	NRC-ENS Line (Red Phone)
		/	OCEAN COUNTY SHERIFF COMMUNICATION via Ocean

TO THE CYSTER CREEK COMMUNICATOR

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FORM EPIP-5-4

INSTITUTE OF NUCLEAR POWER OPERATIONS & AMERICAN NUCLEAR INSURERS NOTIFICATION MESSAGE - GENERAL EMERGENCY

Nuclear Gen	1.0				_ at Oyster Cre
Nuclear Gen	(N	Mame/Title)			
	erating St	ation. A Gene	ral Emergen	cy was	s declared in
				,	
accordance	with our E	mergency Plan	at	/	
			(Time)	/ ()	Date)
Description	of Emerge	ncy:			
			*		
Assistance :	requested:				
Approved					
Approved	(Emergenc	y Director/Eme	rgency Supp	ort Di	rector)
Approved	(Emergenc	y Director/Eme	rgency Supp	ort Di	rector)
Approved		y Director/Eme	rgency Suppo	ort Di	
Approved	(Emergenc	y Director/Eme	rgency Suppo	ort Di	rector) (Time)
Approved		y Director/Eme	rgency Suppo	ort Di	(Time)
	(Date)			ort Di	
	(Date) To: Inst:	itute of Nucle		ort Di	(Time)
	(Date) To: Inst:			ort Di	(Time)
	(Date) To: Inst: Oper:	itute of Nucle	ar Power	ort Di	(Time)
	(Date) To: Inst: Oper:	itute of Nucle	ar Power	ort Di	(Time)
	(Date) To: Inst: Oper:	itute of Nucle	ar Power	ort Di	(Time)
	(Date) To: Inst: Oper:	itute of Nucle	ar Power	ort Di	(Time)
	(Date) To: Inst: Oper:	itute of Nucle	ar Power	ort Di	(Time)

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FORM EPIP-5-5

BUREAU OF RADIATION PROTECTION STATION STATUS CHECKLIST - ALERT

1.	Date and Time of Incident: Date:Ti	ше:	(24-Hr. Clock)
2.	Accident Classification: GENERAL EMERGENCY		
3.	Type of Release:(circle one) GASEOUS	LIQUID	
4.	Cause of Incident and System Involved (if k	nown):	
5.	Is Reactor Shutdown: (circle one)	Yes	No
6.	Gaseous Release Information (a) Release Terminated: (circle one)	Yes	No
	(b) Estimated Duration of Release:		Hours
	(c) Type of Gaseous Release (circle one)		Ground
	(d) Windspeedmphm/sec		
	(e) Wind Direction: From: Affected Sector:	(0) Towa	(Compass Point)
	(f) Stability Class: (circle one) Uns	table N	Neutral Stable
	(g) Release Rate Noble Gas:	C1/Se	ic.
	(h) Release Rate Iodine (if known)	Ci/Se	c.
7.	Liquid Release Information (a) Release Terminated (circle one)	Yes	No
	(b) Estimated Duration of Release:		Hours
	(c) Estimated Release Concentration	U	C1/cc
	(d) Release Rate		gpm

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	FO	ORM EPIP-5-5 (cont	:'d)	
8.	Projected Offsite Doses (a) Whole Body			
	Distance Miles)	Dose Rate mRem/	hr Time to Reach	PAG(hrs.)
	1.		_	
	3.			
	4.		_	
	5.			
	(b) Child Thyroid			
	Distance Miles)	Dose Rate Rem/h	Time to Reach	PAG(hrs.)
	1.			
	2.			
	3.			
	5.		_	
	3.			
9.	Recommended Protective	Actions:		
10.			ission to NJBRP by	y Emergenc
	Director/Emergency Supp	ort Director:		
	(Signature)		(Date/Time)	
11		itted to NJBRP:		
	Transmitted to:	and the second of the second		

(Name)

(OCNGS Communicator)

(Location) (Date/Time)

30088

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FORM EPIP-5-6

ADDITIONAL INFORMATION MESSAGE - GENERAL EMERGENCY

Check (\checkmark) all appropriate statements to be transmitted as information is available

	This is acting under the
	Direction of the Emergency
	Direction of the Emergency (Emergency Director)
	Director at Oyster Creek Nuclear Generating Station. The
	following is provided as additional information for the initia
	notification of General Emergency.
	DATE/TIME OF CLASSIFICATION
	a. Time:(24 hour clock)
_	b. Date: Month Day Year
	Plant Status
	a. Reactor (circle one) is/is not shutdown.
	b. The plant (circle one) is/is not in a safe condition.
	c. Reactor is subcritical, coolant is being maintained over the
	core, and containment integrity is satisfactory.
	Type of release (circle one) airborne; liquid; surface soil.
	Type of release (circle one) <u>airborne</u> ; <u>liquid</u> ; <u>surface soil</u> . Meteorological Data
	Meteorological Data a. Wind speed MPH
	Meteorological Data
	Meteorological Data a. Wind speedMPH b. Wind direction(from)(toward)
	Meteorological Data a. Wind speed MPH b. Wind direction (from) (toward) c. Stability class (circle one) unstable; neutral; stable
-	Meteorological Data a. Wind speed MPH b. Wind direction (from) (toward) c. Stability class (circle one) unstable; neutral; stable d. Precipitation (circle one) rain; sleet; snow Gaseous Radiological Data
-	Meteorological Data a. Wind speed MPH b. Wind direction (from) (toward) c. Stability class (circle one) unstable; neutral; stable d. Precipitation (circle one) rain; sleet; snow Gaseous Radiological Data a. Noble gas release rate uCi/sec
5.	Meteorological Data a. Wind speed MPH b. Wind direction (from) (toward) c. Stability class (circle one) unstable; neutral; stable d. Precipitation (circle one) rain; sleet; snow Gaseous Radiological Data a. Noble gas release rate uCi/sec

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	FORM EPIP-5	<u>-6</u> (cont'd)	
_7. 1.	iquid Radiological Data		
a	 Release concentration 		uCi/cc
8	. Release rate	uCi	/sec
0	. Release (circle one) ha	as/has not terminated	
d	. Actual or estimated dur	ration of release	
е	 Estimated total release 	uu	1
8. P	rojected dose rates and	integrated dose (Based	on actual o
p	rojected duration of release	se)	
W	hole Body		
a	· Site Boundary	mr/hr	mRem
b	. 2 miles	mr/hr	nRen
_ 0			mRem
_ d	. 10 miles	mr/hr	mRem
-	Site Boundary		mRem
a	. Site Boundary		mRem
_			mRem
	. 10 miles		mRem
	stimate of Surface cont		
	m ² (obtain from field date)		-
	mergency Actions in progess		
а	. Radiological survey tea	ams onsite	
ь	. Radiological survey tes	ms offsite	
_ c	. Onsite fire brigade		
d	. Offsite fire department		
e	· Damage Control		
f	. First aid teams onsite		
8	. Ambulance service		
_ h	. Medical support		
_ i	. Environmental surveys	offsite	
	. Other, specify		

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12.	FORM EPIP-5-6 (Additional support require		
13.	The condition may change to	o an (circle one) <u>Unus</u>	ual Event;
14.	Offsite population sector Zone Sector map) affected a		
15.	The following changes in p for the population in these a. None		recommended
	b. Notify (projected offs	site dose)
	c. Take shelter (projecte		
	d Fungueta (num tooked at	ffsite dose	
16.	Approved		
16.	Approved	ector/Emergency Support	
16.	Approved(Emergency Dire	ector/Emergency Support	
	(Date) Transmitted To: a. United States Nuclear	(Time)	: Director)
	(Date) Transmitted To: a. United States Nuclear Commission.	(Time) TIME: NOTIFE	: Director)
	(Date) Transmitted To: a. United States Nuclear Commission. b. New Jersey Bureau of F	(Time) TIME: NOTIFE	: Director)
	(Date) Transmitted To: a. United States Nuclear Commission. b. New Jersey Bureau of For Protection.	(Time) TIME: NOTIFE	: Director)
	(Date) Transmitted To: a. United States Nuclear Commission. b. New Jersey Bureau of F	(Time) TIME: NOTIFE	: Director)