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AmerGen An Exelon/British Energy Company	OYSTER PUBLIC INI EMERGENCY	CREEK FORMATION PROCEDURE	Number 1820-IMP-1720.01
Title	Revision No.		
Emergency Public Inf	4		
Applicability/Scope All Communications Divi Activities at Oyster Cr	sion Emergency eek	Usage Level 3	Responsible Department Emergency Preparedness
This document is within QA	A plan scope	<u>X</u> Yes <u>N</u> o	Effective Date
50.59 Reviews Required		Yes <u>X</u> No	/O - 5-01
Prior Revision <u>3</u> incorp	porated the Thi	is Revision <u>4</u>	incorporates the
following Temporary Changes	s: fol	Llowing Temporary	Changes:

2

<u>N/A</u>

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<u>N/A</u>

List of Pages (all pages rev'd to Rev. 4) 1.0 to 12.0 E1-1 E2-1 E3-1 E4-1 to E4-2 E5-1 E6-1 E7-1 to E7-5 E8-1 to E8-5 E9-1 E10-1 to E10-11

NON-CONTROLLED THIS DOCUMENT WILL NOT BE KEPT UP TO DATE IRMC OYSTER CREEK

This procedure replaces 8000-IMP-1720.01								
······		Signature	Concurring Organization Element	Date				
Originator	No	W Typester	EP OC	9-18-01				
Concurred By	X	achen Peni	Senior Communications Rep	9-18-01				
Approved By	K	FORD. TALLIART	Manager, Emergency Preparedness	9/20/01				
	X			•				



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

Number

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Title

Emergency Public Information Implementing Procedure

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Revision No. 4

PROCEDURE HISTORY

REV	DATE	ORIGINATOR	SUMMARY OF CHANGE
1	DOS	S. D'Ambrosio	Remove COMEC from cover page. Change references from GPU or GPUN to OCGS.
2	11/00	A. Smith	Clarify duties of JIC Admin position. Clarify Notes 2 & 3 on Page 10 pertaining to press release approvals.
3	04/01	D. Larsen	Change Note 2 page 10 - approval to review after "State of Emergency" is declared.
4	09/01	D. Larsen	Change all OCGS to OCGS Change NOTE 1 page E1-1 Approval to Review Change NOTE 1 page E4-1 Approval to Review Change all Boiler Plate news releases from Thelma L. Wiggins to Communications Representative & 609-971-4048 to 609-971-xxxx Change Approval to Review next to bottom block of press release flow chart on page E9-1



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1.0 <u>PURPOSE</u>

The purpose of this implementing procedure is to describe the manner in which OCGS will furnish public information in the event of a formal emergency declaration at its Oyster Creek Generating Station. A premium is placed on providing information promptly and accurately to the media, public officials, employees, members of the public, public agencies and OCGS senior officers through appropriate means.

2.0 <u>APPLICABILITY/SCOPE</u>

2.1 Upon declaration of an emergency condition, the OCGS Communications department at the site is responsible for the dissemination of information. These emergency conditions are: Unusual Event, Alert, Site Area Emergency, General Emergency.

3.0 <u>DEFINITIONS</u>

- 3.1 Emergency Classifications (4)
 - 3.1.1 **Unusual Event** the least serious level of emergency used in the U.S. commercial nuclear power industry. It means there is a potential reduction in the level of safety at the plant. It is not expected to cause a release of radioactivity or to have any effort on the safety or health of the general public.
 - 3.1.2 Alert the next to lowest level of emergency used in the U.S. commercial nuclear power industry. It means there is an actual or potentially substantial degradation in the level of plant safety. An alert usually does not involve releases of radioactivity from the plant or have an effect on the safety or health of the general public.

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- 3.1.3 Site Area Emergency the next-to-highest level of emergency used in the U.S. commercial nuclear power industry. It means there is a substantial degradation of the level of safety of the plant, with possible damage to the plant's nuclear core or releases of radioactivity that are detectable at the site boundary. If releases of radioactivity were to occur, the effects on the general public would be minimal.
- 3.1.4 General Emergency the highest level of emergency used in the U.S. commercial nuclear power industry. It means there is actual or imminent damage to the plant's reactor core with releases of radioactivity that are measurable at the site boundary.
 - 3.1.4.1 Protective Actions once a General Emergency has been declared, OCGS Management consults with state officials who are responsible for making recommendations concerning public safety. OCGS makes recommendations to the state, but it is up to the governor to take those recommendations or take another course of action. OCGS does not release its recommendations to the public to avoid confusion should the governor order a different action.



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3.2 EMERGENCY COMMUNICATIONS ROLES

- 3.2.1 **PI TECH REP/EOF:** Serves as the technical advisor from the EOF. Will be responsible for gathering all approved and final information regarding the plant event. This person will interact with the PI Technical Rep in the JIC and provide that person with the most up to date information, as it becomes available. The PI Tech Rep in the EOF will be responsible for attending all ESD briefings at the EOF. This position will also be responsible for calling the JIC in advance of all briefings, so that JIC staff know that new information could be developing.
- 3.2.2 **PI TECH REP/JIC:** This position will be responsible for providing (serving as the focal point in the JIC) all technical information associated with the plant event. This single point of reference will assure that those writing the press releases and presiding over the briefings have a full and consistent understanding of the events happening at the plant; this person would be retrieving information from both written and verbal communications, all information that goes out to the public would be coordinated and correct. The PI Tech Rep at the JIC would be in constant contact with the PI Tech Rep at the EOF. This position will also help with the staffing needs of the JIC, by assuring that the communication lines in the JIC are constantly manned.



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3.2.3 **MEDIA CENTER LEAD:** This position will have command and control over the center's activities. The Media Center Lead will assure that all procedures are being followed by others in the center and would approve press releases prior to their review by the ESD.

The Media Center Lead will be the individual in the JIC with the responsibility to interface with and coordinate the activities of the State and Local Government communications personnel responding to the JIC. It is important that this position frequently meet with these individuals for the purpose of coordinating the information used in media briefings and when the briefings are to be held.

Another responsibility of the Media Center Lead is to serve as a moderator during press briefings. During these briefings, he or she would provide a brief synopsis of the emergency and its classification; give an overview of JIC logistics; introduce representatives on the panel; field questions and directs them to the proper representative. He or she may also answer nontechnical questions from the media regarding the event.

3.2.4 **MEDIA CENTER ADVISOR/COMMUNICATIONS**: This position will serve as the technical spokesperson on the panel during press conferences. Following press conferences, this person will stay back in the auditorium for a short time to answer technical questions from the media briefings that talk about actions taken regarding the event.

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- 3.2.5 **PRESS RELEASE WRITER:** The Press Release Writer will receive information from the PI Tech Rep in the JIC, which will coincide with the information given to the Media Center Advisor and the Media Center Lead. The press release must be reviewed for grammar, writing style and communications elements by the lead person in the JIC prior to turnover for ESD approval and its release to the public.
- 3.2.6 **JIC ADMIN/COM:** This position will assure that the JIC auditorium is set up and that all work room equipment is operable. This person will also be responsible for fax distributing approved press releases and posting event level postings when they occur in the auditorium.

4.0 <u>RESPONSIBILITIES</u>

4.1 The Lead Communications Representative at Oyster Creek is responsible for implementing the procedure. The Communications Lead will maintain trained staff for responding to emergencies on a 24-hour basis. The staff will gather information directly from plant and support personnel and disseminate the information to the public in a timely fashion.



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5.0 PROCEDURE

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5.1 Communications is assigned primary responsibility for providing information promptly and accurately to the media, public officials, employees and members of the public through news releases, media briefings and public official notification. The public information response to a plant emergency is organized around three sequential stages. They are Notification, Assessment, and Response:

5.1.1 Notification

- 5.1.1.1 The site Communications group will maintain a Public Information Duty Representative on-call 24 hours a day, seven days a week, including holidays, per the Initial Response Duty Roster.
- 5.1.1.2 The Control Room will notify the Public Information Duty Representative of any declared emergency in accordance with the appropriate EPIP.
- 5.1.1.3 The Public Information Duty Representative will contact the Control Room and obtain a brief description of the initiating event that caused the emergency declaration, the operating status of the plant, and the nature of any radiological or environmental concerns, onsite or offsite.
- 5.1.2 Assessment
 - 5.1.2.1 The Public Information Duty Representative will assess the severity of the emergency and initiate an appropriate response. Consideration will be given to consulting with other communications personnel.

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	5.1.3	Response		
		5.1.3.1	Event is declared.	
			• All emergency response perso	onnel respond to their
			assigned locations at the J	IC and the EOF.
		5.1.3.2	Responders arrive at JIC.	
			• PI Rep begins writing press	release, based on
			information received from th	ne PI Tech Rep at the
			JIC or EOF, or information 1	received from the
			Control Room (i.e.: 126 not:	fication and/or the
			initial notifications form),	depending on whom is
			first available (see Exhibit	: 1).
			• Media Center Lead assesses p	olant event and
			establishes a staffing plan	and watchbill for 24-
			hour coverage. Retains esse	ential emergency staff
			and sends others home for la	ater shifts if necessar
			(see Exhibit 4).	
			• JIC Admin/Com assures audito	orium setup, work room
			equipment operability, etc.	(see Exhibit 6). This
			is confirmed by Media Center	Lead.
			• PI Tech Rep/JIC contacts PI	Tech Rep/EOF to obtain
			plant status (see Exhibit 3)	

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5.1	3.3 Upon arrival at EOF, PI Tech Rep obtains plant status			
	and notifies PI Tech Rep at the JIC (see Exhibit 2).			
	This information would be acquired from the leads in			
	the EOF and/or through the engineering communications			
	line to the ECC and TSC. Any conflicting or			
	incomplete information should be resolved prior to			
	communicating it to the JIC.			
5.1	3.4 The PI Tech Rep/JIC briefs PI Rep, Media Center Lead			
	and Media Center Advisor (see Exhibit 5) of plant			
	status.			
Г	NOTE 1			
pr	NOTE 2			
Th pr Em	State Police Rep. in the JIC gives the final review for ss releases once the Governor has declared a "State of rgency".			
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Th pr Em Se Se Sa	State Police Rep. in the JIC gives the final review for ss releases once the Governor has declared a "State of rgency". <u>NOTE 3</u> urity related event press releases are to be reviewed by th urity Coordinator to ensure the release does not contain an eguards Information.			
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- 5.1.3.6 Approved press release is fax distributed by JIC Admin/Com and copy is placed in the back of the JIC auditorium.
- 5.1.3.7 Concurrent with press release writing, Media Center Lead and Media Center Advisor review plant events with PI Tech Rep/JIC to prepare for media briefing.
- 5.1.3.8 Media Center Lead holds pre-brief meeting with Media Center Advisor and state, county and federal Public Information Representatives. The group shares information and plans what each organization will discuss during briefing.
- 5.1.3.9 Media Briefing is held, moderated by Media Center Lead. Media Center Lead introduces panel, provides brief overview of plant event and one-by-one, turns over to others on panel who will also provide brief information. Following panel encapsulations, Media Center Lead fields questions from the media and refers them to the proper panel representative.
- 5.1.3.10 At conclusion of media briefing, all leave the auditorium, except Media Center Advisor, who remains and takes questions from the media on plant-related questions only.
- 5.1.3.11 During briefing, PI Tech Rep/JIC continues to gather new information in coordination with PI Tech Rep/EOF.

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		5.1.3.12	Process recycles at 5.1.3.4.	
		5.1.3.13	The JIC is designated for plan	t emergencies of little
			or no radiological significanc	e, as well as for
			radiological emergencies. It	will be outside the
			Emergency Planning Zone (EPZ).	
		5.1.3.14	In New Jersey, the State Polic	e Office of Emergency
			Management is responsible for	Rumor Control.
6.0	<u>REFEI</u>	RENCES		
	6.1	10 CFR 50.47 (b)	(7)	
	6.2	OCGS Emergency Pl	lan 2000-PLN-1300.01	
	6.3	Emergency Prepare	edness Training Program 6200-PGD	-2685
7.0	<u>EXHII</u>	BITS		
	7.1	Exhibit 1, Public	c Information Representative (PI	Rep) Checklist
	7.2	Exhibit 2, Public (PI Te	c Information Technical Represen ech Rep/EOF) Checklist	tative/EOF
	7.3	Exhibit 3, Public (PI Te	c Information Technical Represen ech Rep/JIC) Checklist	tative/JIC
	7.4	Exhibit 4, Media	Center Lead Checklist	
	7.5	Exhibit 5, Media	Center Advisor/Communications C	hecklist
	7.6	Exhibit 6, JIC Ad	ministrator/Communications Chec	klist
8.0	<u>ATTAC</u>	CHMENTS		
	8.1	IMP-1720.01-1, Pr	re-approved Boiler Plate News Re	leases
	8.2	IMP-1720.01-2, Bc	oiler Plate News Releases Needin	g Ed/ESD Approval
	8.3	IMP-1720.01-3, Pr	ress Release Flow Chart	
	8.4	IMP-1720.01-4, En Cr	mergency Preparedness Terminolog reek	y/Definitions for Oyster

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			EXHIBIT	1			
	PUBLI	C INFORMAT	ION REPRE	SENTATIV	E (PI R	<u>EP)</u>	
<u>Initials</u>							
1.0 <u>Esta</u> prio	blish comm r to EOF a	unications ctivation)	with the	PI Tech	Rep/JI	C (or the Control Room	
2.0 Writ 1 st (or C	e press re ontrol Roc	lease with om 126 Noti	informat fication	ion gath prior to	ered fr EOF ac	om the PI Tech Rep/JIC tivation)	
2 nd	3 rd 4	1 th 5 th	6 th 7	h 8 th	9 th	10 th (Initials)	
[·····			N	OTE			
	Provide	e the ESD w	with pres	s release	es issue	ed by the ED	
3.0 Give	press rel	eases to t	he Media	Center L	ead for	review (initials)	
2 nd	3 rd 4	1 th 5 th	6 th 7 ^t	h 8 th	9 th	10 th	
4.0 Assu: 1 st (Rele need	re press r eases writ ESD appro	eleases ar ten from p val)	e deliver re-approv	ed to the ed "Boile	e ESD f er Plat	or review and approval e" information do not	
2 nd	3 rd 4	l th 5 th	6 th 7 ^t	h 8 th	9 th	(initials) 10 th	
			<u>NO'</u>	<u>re 1</u>			
The	State Pol: eases once	ice Rep. i: the Gover:	n the JIC nor has d	gives the	ne fina a "State	l review for press e of Emergency".	

NOTE 2

For security related events, press releases containing Safeguards information are to be reviewed by the Security Coordinator prior to release.

NOTE 3

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					EXHI	BIT 2						
		PUBLIC	C INFO	<u>RMATIO</u> (P	<u>N TECH</u> I TECH	NICAL REP/E	<u>REPRES</u> OF)	ENTAT.	IVE/EOE	2		
<u>Initials</u>												
1.0	Establ	ish cc	mmunic	ations	with	the Pl	Tech	Rep/J	IC			
2.0	Call J	IC in	advanc	e of a	IL ESI) brief	ings					
	2 nd	3 rd	4 th	5 th		7 th	8 th	9 th	10 th	(initials)		
3.0	Attend	all E	SD bri	efings	5							
	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	(initials)		
4.0	Call P	I Tech	Rep/J	IC and	l prov:	ide new	/ info	rmatio	n from	ESD briefings		
	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	(initials)		
						NOTE	1					
	Repor Coord	t Comm inator	unicat	ions S	ystem	proble	ems to	the E	OF Com	munications		

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.



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EXHIBIT 3

PUBLIC INFORMATION TECHNICAL REPRESENTATIVE/JIC (PI TECH REP/JIC)

<u>Initials</u>

- 1.0 _____ Establish communications with the PI Tech Rep/EOF
- 2.0 _____ Assure communications lines in JIC are manned constantly
- 3.0 _____ Provide information associated with the plant event to the Media Center 1st Lead, the PI Rep and the Media Center Advisor (from discussions with the PI Tech Rep/EOF)

 $\frac{2^{nd}}{3^{rd}} \frac{4^{th}}{4^{th}} \frac{5^{th}}{5^{th}} \frac{7^{th}}{7^{th}} \frac{8^{th}}{8^{th}} \frac{9^{th}}{10^{th}} \frac{10^{th}}{10^{th}}$

NOTE 1

Assure information is coordinated and accurate as it will be used for both written and verbal communications to the public.

NOTE 2

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		EXHIBIT 4	
		MEDIA CENTER LEAD	
<u>Initials</u>			
1.0	Access plant e hour coverage later shifts i	event and establish staffing pla (Retain essential emergency sta f necessary)	an and watch-bill for 24- aff and send others home for
2.0	Confirm audito Admin/Communic	rium setup and work room equipm ations	nent operability with JIC
		NOTE	
	Ensure that a Board.	ll Public Information personnel	l use the Name Tag
3.0	Receive briefi Advisor)	ngs from the PI Tech Rep/JIC (w	<pre>N/PI Rep and Media Center</pre>
	2^{na} 3^{ra}	4^{th} 5^{th} 6^{th} 7^{th} 8^{th} 9^{t}	¹⁰ 10 th
1.0	Review press r	eleases from PI Rep	(initiala)
Ĩ	2 nd 3 rd	$4^{th} 5^{th} 6^{th} 7^{th} 8^{th} 9^{t}$	th 10 th
5.0 1 st	Verify press r (Releases writ need ESD appro	eleases are delivered to the ES ten from pre-approved "Boiler B val	SD for review and approval Plate" information do not
	2 nd 3 rd	4 th 5 th 6 th 7 th 8 th 9 ^t	th 10 th
		NOTE 1	
	The State Pol releases once	ice Rep. in the JIC gives the f the Governor has declared a "S	final review for press State of Emergency".
	[NOTE 2	
	For security information a release.	related events, press releases re to be reviewed by the Securi	containing Safeguards ity coordinator prior to

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EXHIBIT 4 (continued)

MEDIA CENTER LEAD

<u>Initials</u>

6.0 _____ Concurrent with press release writing, review plant events with the Media Center Advisor and the PI Tech Rep/JIC to prepare for media briefings

$$2^{nd} \quad 3^{rd} \quad 4^{th} \quad 5^{th} \quad 6^{th} \quad 7^{th} \quad 8^{th} \quad 9^{th} \quad 10^{th} \quad (1nt)$$

7.0 _____ Hold pre-brief meetings with the Media Center Advisor and state, county, 1st and federal Public Information Reps. (Share information and plan what each organization will discuss during the media brief) (initials)

$$\frac{1}{2^{nd}} \frac{3^{rd}}{3^{rd}} \frac{4^{th}}{4^{th}} \frac{5^{th}}{5^{th}} \frac{6^{th}}{6^{th}} \frac{7^{th}}{7^{th}} \frac{8^{th}}{8^{th}} \frac{9^{th}}{10^{th}} \frac{10^{th}}{10^{th}}$$

8.0 _____ Moderate media briefings

$$1^{\text{st}}$$
 ______ (initials)
 2^{nd} 3^{rd} 4^{th} 5^{th} 6^{th} 7^{th} 8^{th} 9^{th} 10^{th}

NOTE 1

Maintain command and control for JIC activities and assure procedures are being followed by others in the center.

NOTE 2

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An Exelon/British Energy Company	EMERGENCY PROCEDURE	1820-IMP-1720.01	
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Emergency Public Information Implementing Procedure

Revision No.

EXHIBIT 5

MEDIA CENTER ADVISOR/COMMUNICATIONS

<u>Initials</u>

- 1.0 ______ Receive briefings from the PI Tech Rep/JIC about plant status (with Media Center Lead and PI Rep) $\frac{1}{2^{nd}} \frac{1}{3^{rd}} \frac{1}{4^{th}} \frac{1}{5^{th}} \frac{1}{6^{th}} \frac{1}{7^{th}} \frac{1}{8^{th}} \frac{1}{9^{th}} \frac{1}{10^{th}}$ (initials)
- 2.0 _____ Concurrent with press release writing, review plant events with the Media Center Lead and PI Tech Rep/JIC to prepare for media briefings $\frac{1}{2^{nd}}$ $\frac{1}{3^{rd}}$ $\frac{1}{4^{th}}$ $\frac{1}{5^{th}}$ $\frac{1}{6^{th}}$ $\frac{1}{7^{th}}$ $\frac{1}{8^{th}}$ $\frac{1}{9^{th}}$ $\frac{1}{10^{th}}$ $\frac{1}{10^{th}}$
- 3.0 ______ Attend pre-brief meetings with the Media Center Lead and state, county, and federal Public Information Reps. (Share information and plan what each organization will discuss during the media brief)

$$\frac{1}{2^{nd}} \frac{1}{3^{rd}} \frac{1}{4^{th}} \frac{1}{5^{th}} \frac{1}{6^{th}} \frac{1}{7^{th}} \frac{1}{8^{th}} \frac{1}{9^{th}} \frac{1}{10^{th}} (initials)$$

4.0 _____ Attend the media briefings as the technical spokesperson
$$\frac{1^{\text{st}}}{2^{\text{nd}}} = \frac{1}{3^{\text{rd}}} = \frac{1}{4^{\text{th}}} = \frac{1}{5^{\text{th}}} = \frac{1}{6^{\text{th}}} = \frac{1}{7^{\text{th}}} = \frac{1}{8^{\text{th}}} = \frac{1}{9^{\text{th}}} = \frac{1}{10^{\text{th}}} = \frac$$

NOTE 1

Stay in auditorium after media briefings to answer plant-related questions only. Outside of formal media briefings, do not answer questions about actions taken regarding the event.

NOTE 2



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

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1820-IMP-1720.01

Title

Emergency Public Information Implementing Procedure

Revision No. 4

EXHIBIT 6

JIC ADMINISTRATOR/COMMUNICATIONS

<u>Initials</u>

- 1.0 _____ Assure auditorium is set up and work room equipment is operable
- 2.0 _____ Fax distribute approved press releases and place copies in the back of the JIC auditorium.

NOTE 1

Fax distribution list is located in the JIC Fax machine memory and is posted above the Fax machine.

To acce	ess list	in memory:	1)	Function	6	2)	#2
For Gro	oup list:		1)	Function	6	2)	#3

NOTE 2

AmerGen. An Exelon/British Energy Company	OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE	Number 1820-IMP-1720.01
Title Emergency Public In:	formation Implementing Procedure	Revision No. 4

ATTACHMENT 1820-IMP-1720.01-1

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PRE-APPROVED BOILER PLATE NEWS RELEASES

INITIAL PRESS RELEASES

AmerGen.	

OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE Number

1820-IMP-1720.01

Title

Emergency Public Information Implementing Procedure

Revision No.

ATTACHMENT 1820-IMP-1720.01-1 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....

AmerGen

An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date:

February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

01

For Release: Immediately

Release Number:

Unusual Event Declared at Oyster Creek

Forked River, NJ - An unusual event was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of unusual event).

No above normal release of radiation has ocurred as a result of this incident.

An unusual event is the least serious level of emergency used in the U.S. commercial nuclear power industry. It means there is a potential reduction in the level of safety at the plant. It is not expected to cause a release of radioactivity or to have any effect on the safety or health of the general public.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE Number

1820-IMP-1720.01

Title

Emergency Public Information Implementing Procedure

Revision No.

ATTACHMENT 1820-IMP-1720.01-1 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....

AmerGen

An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date:

February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

For Release: Immediately

Release Number: 02

An Alert Declared at Oyster Creek

Forked River, NJ - An alert was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the alert).

No above normal release of radiation has ocurred as a result of this incident.

An alert is the next to lowest level of emergency used in the U.S. commercial nuclear power industry. It means there is an actual or potential substantial degradation in the level of plant safety. An alert usually does not involve releases of radioativity from the plant or have any effect on the safety or health of the general public.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE Number

1820-IMP-1720.01

Revision No.

Emergency Public Information Implementing Procedure

evision No 4

ATTACHMENT 1820-IMP-1720.01-1 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date:

Title

February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

For Release: Immediately

Release Number: 03

Site Area Emergency Declared at Oyster Creek

Forked River, NJ - A site area emergency was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the site area emergency).

Plant radiation release information - ex: Plant radiation field monitoring teams have detected a slightly higher than normal level of radiation on the site boundary near Route 9. The radiation a person would receive at this particular location would be equivalent to spending a day at the beach. Also, add any other radiological information as necessary.

A site area emergency is the next to highest level of emergency used in the U.S. commercial nuclear power industry. It means there is a substantial degradation of the level of safety of the plant, with possible damage to the plant's nuclear core or releases of radioactivity that are detectable at the site boundary. If releases of radioactivity occur, the effects on the general public would be minimal.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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AmerGen	OYSTER CREEK	Number	
An Exelon/British Energy Company	PUBLIC INFORMATION EMERGENCY PROCEDURE	1820-IMP-1720.01	
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ATTACHMENT 1820-IMP-1720.01-1 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date: February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

For Release: Immediately

Release Number: 04

General Emergency Declared at Oyster Creek

Forked River, NJ - An unusual event was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the general emergency).

No above normal release of radiation has ocurred as a result of this incident.

A general emergency is the ighest level of emergency used in the U.S. commercial nuclear power industry. It means there is actual or imminent damage to theplant's reactor core with releases of radioactivity that are measurable at the site boundary.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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ATTACHMENT 1820-IMP-1720.01-2

BOILER PLATE NEWS RELEASES NEEDING ED/ESD APPROVAL

MORE DETAILED PRESS RELEASES

ATTACHMENT 1820-IMP-1720.01-2 (continued)

BOILER PLATE NEWS RELEASES NEEDING ED/ESD APPROVAL

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date: February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

01

For Release: Immediately

Release Number:

Unusual Event Declared at Oyster Creek

Forked River, NJ - An unusual event was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of unusual event).

The reactor was opeating at (reactor power level) percent power on its (number of consecutive days of operation) day on line when the incident occurred. (A more detailed explanation of the unusual event in one or two sentences). Plant personnel (ex: operators, fire brigade, etc.) are investigating the cause of the event (Or whatever corrective action is being taken to alleviate the situation and any outside agency requested to respond).

No injuries (*if applicable*) or above normal release of radiation has occurred as a result of this incident.

An unusual event is the least serious level of emergency used in the U.S. commercial nuclear power industry. It means there is a potential reduction in the level of safety at the plant. It is not expected to cause a release of radioactivity or to have any effect on the safety or health of the general public.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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ATTACHMENT 1820-IMP-1720.01-2 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date: February 27, 1999 - 2:01 PM

02

Further Information: Communications Representative (609) 971-2180

For Release: Immediately

Release Number:

An Alert Declared at Oyster Creek

Forked River, NJ - An alert was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the alert).

The reactor was operating at (reactor power level <u>and/or</u> plant status - ex: in the process of shuting down; or xxx percent power for scheduled maintenance and testing of the plant's main steam isolation valves, which are designed tominimize loss of coolant from the reactor vessel and limit the release of readiation to the environment in the event of a steam line accident) when the incident occurred. (A more detailed explanation of the alert in one or two sentences).

No injuries (if applicable) or above normal release of radiation has occurred as a result of this incident.

Plant personnel (ex: operators, fire brigade, etc.) are investigating the cause of the event (<u>Or</u> whatever corrective action is being taken to alleviate the situation <u>and</u> any outside agency requested to respond).

An alert is the next to lowest level of emergency used in the U.S. commercial nuclear power industry. It means there is an actual or potential substantial degradation in the level of plant safety. An alert usually does not involve releases of radioativity from the plant or have any effect on the safety or health of the general public.

Further information will be provided at the Joint Information Center (JIC), located at GPU Energy's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (732) 363-4087.

Federal, state and local officials have been notified.

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ATTACHMENT 1820-IMP-1720.01-2 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date: February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

03

For Release: Immediately

Release Number:

Site Area Emergency Declared at Oyster Creek

Forked River, NJ - A site area emergency was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the site area emergency).

The reactor was operating at (reactor power level <u>and/or</u> plant status - ex: in the process of shuting down; or xxx percent power for scheduled maintenance and testing of the plant's main steam isolation valves, which are designed to minimize loss of coolant from the reactor vessel and limit the release of readiation to the environment in the event of a steam line accident) when the incident occurred. (A more detailed explanation of the alert in one or two sentences).

Plant personnel (ex: operators, fire brigade, etc.) are investigating the cause of the event (<u>Or</u> whatever corrective action is being taken to alleviate the situation <u>and</u> any outside agency requested to respond).

Injury and radiation release information - ex: A plant employee sustained a leg injury during the incident and has been ransported to --name of local hospital-- by a company ambulance or the Lacey Township First Aid Squad. The employee was not contaminated; no injuries have occurred as a result of this incident; Plant radiation field monitoring teams have detected a slightly higher than normal level of radiation at the site boudary near Route 9. The radiation dose a person would receive at this particular location would be equivalent to spending a day at the beach. Also, add any other radiation/evacuation information as necessary.

Recap emergency classifications (cause and definitions) that were declared earlier in the day/night if applicable.

A site area emergency is the next to highest level of emergency used in the U.S. commercial nuclear power industry. It means there is a substantial degradation of the level of safety of the plant, with possible damage to the plant's nuclear core or releases of radioactivity that are detectable at the site boundary. If releases of radioactivity occur, the effects on the general public would be minimal.

Federal, state and local officials have been notified.

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ATTACHMENT 1820-IMP-1720.01-1 (continued)

PRE-APPROVED BOILER PLATE NEWS RELEASES

.....News Release.....



An Exelon/British Energy Company

Oyster Creek Generating Station Post Office Box 388 Route 9 Forked River, NJ 08731-0388 Tel. (609) 971-4020

Date: February 27, 1999 - 2:01 PM

Further Information: Communications Representative (609) 971-2180

04

For Release: Immediately

Release Number:

General Emergency Declared at Oyster Creek

Forked River, NJ - An unusual event was declared at the Oyster Creek Generating Station at (time of unusual event) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the general emergency).

The reactor was operating at (reactor power level <u>and/or</u> plant status - ex: in the process of shuting down; or xxx percent power for scheduled maintenance and testing of the plant's main steam isolation valves, which are designed to minimize loss of coolant from the reactor vessel and limit the release of readiation to the environment in the event of a steam line accident) when the incident occurred. (A more detailed explanation of the alert in one or two sentences).

Plant personnel (ex: operators, fire brigade, etc.) are investigating the cause of the event (<u>Or</u> whatever corrective action is being taken to alleviate the situation <u>and</u> any outside agency requested to respond).

Injury and radiation release information - ex: A plant employee sustained a leg injury during the incident and has been ransported to --name of local hospital-- by a company ambulance or the Lacey Township First Aid Squad. The employee was not contaminated; no injuries have occurred as a result of this incident; Plant radiation field monitoring teams have detected a slightly higher than normal level of radiation at the site boudary near Route 9. The radiation dose a person would receive at this particular location would be equivalent to spending a day at the beach. Also, add any other radiation/evacuation information s necessary.

Recap emergency classifications (cause and definitions) that were declared earlier in the day/night if applicable.

Federal, state and local officials have been notified.

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ATTACHMENT 1820-IMP-1720.01-3

PRESS RELEASE FLOW CHART



AmerGen	OYSTER CREEK	Number
An Exelon/British Energy Company	PUBLIC INFORMATION EMERGENCY PROCEDURE	1820-IMP-1720.01
Title Emergency Public Int	Formation Implementing Procedure	Revision No. 4

ATTACHMENT 1820-IMP-1720.01-4

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

Emergency Classifications (4):

Unusual Event - the least serious level of emergency used in the U.S. commercial nuclear power industry. It means there is a potential reduction in the level of safety at the plant. It is not expected to cause a release of radioactivity or to have any effort on the safety or health of the general public.

Alert - the next to lowest level of emergency used in the U.S. commercial nuclear power industry. It means there is an actual or potentially substantial degradation in the level of plant safety. An alert usually does not involve releases of radioactivity from the plant or have an effect on the safety or health of the general public.

Site Area Emergency - the next-to-highest level of emergency used in the U.S. commercial nuclear power industry. It means there is a substantial degradation of the level of safety of the plant, with possible damage to the plant's nuclear core or releases of radioactivity that are detectable at the site boundary. If releases of radioactivity were to occur, the effects on the general public would be minimal.

General Emergency - the highest level of emergency used in the U.S. commercial nuclear power industry. It means there is actual or imminent damage to the plant's reactor core with releases of radioactivity that are measurable at the site boundary.

Protective Actions - once a General Emergency has been declared, OCGS consults with state officials who are responsible for making recommendations concerning public safety. OCGS makes recommendations to the state, but it is up to the governor to take those recommendations or take another course of action. OCGS does not release its recommendations to the public to avoid confusion should the governor order a different action.

Rumor Control/Public Information Numbers:

For General Public Only

During declared emergencies at Oyster Creek, member of the general public should be directed to call the toll-free "rumor control" number established by the State of New Jersey: 1(800) 792-8314

For Public Officials/News Media/Regulatory and Industry Representatives Public officials, members of federal and state regulatory agencies, industry representatives and members of the news media should be instructed to call or be transferred to the following internal number: 1(609) 971-4020

AmerGen.			
An Evelon/British Energy Company			

OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

Number

1820-IMP-1720.01

Revision No.

Title

Emergency Public Information Implementing Procedure

ATTACHMENT 1820-IMP-1720.01-4 (continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

Radiological Terms:

Contamination - any radioactive material in an undesired location

Dose - the amount of radiation a person receives from exposure to radiation. The average dose a person receives from a chest x-ray is about 10 millirems.

Radiation - energy released in the form of particles or waves (alpha, beta or neutron particles, gamma rays or waves). It occurs naturally all around us as well as in our bodies. Radioactive material is any substance that emits radiation. The release of radioactivity from the plant is tracked and reported annually.

Radiological Controlled Area (RCA) - areas of the plant that have been designated for radiological control due to the presence of radiation or contamination.

rem - an acronym for Roentgen Equivalent Man, which is the measurement of the potential impact of radiation dose on human cells. A chest x-ray is about 10 millirem, and one-thousand millirem equals one rem.

Reuters-Stokes Monitor - a real-time radiation monitor which displays background radiation. One can walk up to a monitor and see exactly what the background radiation is at that moment. At various locations around Oyster Creek, there are 19 Reuters-Stokes Monitors which feed radiological information to environmental scientists at the plant and to the NJ department of Environmental Protection in Trenton.

Spent Fuel - used nuclear fuel, which is high level radioactive waste.

Thermoluminescent Dosimeter (TLD) – a radiation measuring device that must be read in the laboratory. It is used to measure and record doses to people and areas of the plant or environment. TLDs are collected and read every quarter.

Tritium - a radioactive isotope that occurs naturally in the environment wherever there is water. Radiation from tritium is so weak that most radiation monitors do not detect it. However, tritium levels are measured through laboratory analyses. Tritium is routinely measured by Oyster Creek personnel. It and all radioactivity releases from the plant are required to be tracked and reported annually.



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

Number

1820-IMP-1720.01

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Emergency Public Information Implementing Procedure

Revision No.

ATTACHMENT 1820-IMP-1720.01-4 (continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

General Terms:

Auxiliary Emergency Transfer - part of Oyster Creek's Station Blackout system, which provides an alternate source of emergency electrical power to plant safety systems.

Condenser/Condenser Vacuum - cools the steam from the turbine back into water, which is cycled back to the reactor. The vacuum maintains the ability to condense the steam back into water.

Control Rod Blades - x-shaped blades made of neutron absorbing material (Boron) that control the fission process in of the reactor.

Control Room Annunciators - alarm lights in the control room which alert operators of changing plant conditions.

Drill - an exercise consisting of a series of simulated events and emergency conditions that would require implementation of the plant's emergency plan.

Drywell/Primary Containment - an engineered safety system, which contains the reactor and acts as one of the barriers to radioactive release. It is made of a carbon steel shell encased in high-density reinforced concrete.

Electromatic Relief Valve (EMRV) - Oyster Creek has five EMRVs that serve a dual purpose. They act as pressure relief valves to discharge steam to the torus when a high pressure condition is sensed in the main steam lines. They also serve to relieve reactor pressure as part of the automatic depressurization system (ADS).

Emergency Planning Zone (EPZ) - the area within a 10-mile radius of the plant, which includes 17 municipalities.

Fuel Rods/Assemblies - an eight by eight configuration that contains 62 fuel rods and 2 water rods that provide fuel for the reactor.

Hydrogen Storage Tank - located outside the plant's protected area a few hundred yards southeast of the reactor building. Hydrogen is used to cool the main generator and to improve water chemistry in the reactor coolant.

Intake/Discharge Canals - the man-made water passageway that forms a horse-shoe shape around Oyster Creek to provide cooling for plant systems.



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

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Emergency Public Information Implementing Procedure

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ATTACHMENT 1820-IMP-1720.01-4 (continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

Joint Information Center- the facility where OCGS, along with federal, state, county and local government officials, assemble to provide information to the public through news media about an emergency at Oyster Creek. The JIC is located at the GPU Energy Office Building, 55 River Ave. (Route 9), at the intersection of Hurley Ave., about 20 miles north of Oyster Creek. Aside from company and government representatives, only members of the news media with appropriate credentials will be admitted to the center. All others can call the rumor control number operated by the state for official information on the emergency.

Loss of Coolant Accident (LOCA) - an accident scenario involving the loss of water from the primary system, which requires Oyster Creek to shut down the reactor.

Main Steam Isolation Valve (MSIV) - containment isolation valves designed to minimize coolant loss from the vessel and to limit off site does in the event of a main steam line accident. Testing (closure test) is done on the MSIVs once every three months at 40 percent power.

Owner Controlled Area (OCA) - any areas outside the Protected Area under the control of the utility owner, OCGS.

Protected Area (PA) - the area of the plant encompassed by physical barriers into which access is controlled.

Reactor Building/Secondary Containment - the building that houses the plant's reactor and provides an additional barrier to the release of radioactive materials during periods when primary containment has been established. The reactor building, which is made of reinforced concrete and steel frame, serves as the primary containment when the drywell is open for refueling and maintenance. It completely encloses the drywell and reactor auxiliary systems. The barriers are the reactor building, the standby gas treatment system and the reactor building ventilation supply and exhaust dampers.

Reactor Core - nuclear fuel assemblies that are the source of heat for sustaining the fission process in a reactor to produce electricity.

Reactor Vessel - the structure that houses the nuclear fuel.

SCRAM - a rapid insertion of control rods shutting down the reactor, which can be initiated manually or automatically.

Site Accountability - a process that is normally initiated during a Site Area Emergency, but can be performed at any time, to account for plant employees.

Spent Fuel Pool - a 38-feet deep pool of circulating water which provides temporary, safe storage of irradiated core components, including depleted or spent fuel assemblies.



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

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Emergency Public Information Implementing Procedure

Revision No.

ATTACHMENT 1820-IMP-1720.01-4 (continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

Station Blackout Transformer - provides back-up power to the plant should all sources of off site power be lost.

Torus - a large donut-shaped suppression chamber at the base of the drywell or primary containment, which houses the reactor vessel. The torus is about half-filled with water and used for containment pressure control and cooling.

Vital Area (VA) - areas that contain equipment, systems, devices, etc., the failure, destruction or release of which could directly or indirectly endanger public health and safety by exposure to radiation. **Plant Building/Facilities:**

Access Center - located in Building 14 on the Forked River site. The center provides General Employee Training, medical examinations, respirator, whole body counts and plant access badging for all employees and contractors coming to Oyster Creek.

Chemistry Labs - located within the Turbine Building. This facility provides all the analyses of plant system fluids and gases to ensure safe and efficient operation of the plant.

Control Room (CR) - located on the third floor of the Turbine Building. The facility contains all the controls and instrumentation used to operate and monitor the reactor, turbine, generator, Electrical Distribution system, and Cooling Systems.

Dosimetry - located in Building 14. This facility maintains the TLD system and provides periodic reports of all employee's radiation exposures.

Nuclear Education Center - located on the Forked River site in Buildings 1, 2, 12 and 14. This center provides training to all employees at Oyster Creek to maintain qualifications that are necessary to operate a federally regulated nuclear facility.

Hydrogen Storage Tank - located near the Oyster Creek Administration building parking lot just southeast of the Main Gate. This tank stores hydrogen that is used in various plant systems.

Main Gate (MG) Access Center - located west of the main entrance from Route 9. The purpose of this facility is to maintain security of the site as well as provide a monitored access point for plant entry.

Main Office Building (MOB) - located west of the Main Gate Access Center. This facility contains administrative offices for the various departments at Oyster Creek such as Operations, Chemistry, etc.



OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE

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Emergency Public Information Implementing Procedure

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ATTACHMENT 1820-IMP-1720.01-4 (continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

Materials Warehouse - located at the northeast corner of the Protected Area. This facility stores equipment and supplies needed to maintain the plant. It also serves as a Secondary Emergency Assembly Area for all employees in the event of an emergency at the site.

New Machine Shop - located south of the Turbine Building and east of the Emergency Generator Building. This facility is used for fabricating equipment to help the plant maintain operational status.

New Maintenance Building (NMB) - located on the north side of the Protected Area and provides office and work space for electrical and mechanical maintenance personnel.

North Gate (NG) Access Center - located on the north side of the Protected Area next to the large North parking lot. This facility is used as a backup access point into the plant during outage periods.

Old Machine Shop - located on the south end of the Turbine Building. This facility houses all the Station Services, Fire Protection and Instrument and Controls personnel offices and locker rooms.

Oyster Creek Administration Building (OCAB) - located just southeast of the Main Gate. This facility houses the plant cafeteria and provides office space for plant personnel.

Reactor Building (RxB) - located just northwest of the Main Gate. This facility serves as secondary containment for the reactor and all of its support systems and equipment.

Site Emergency Building (SEB) - located with the Protected Area south of the Main Gate. This facility provides administrative office space for plant departmental personnel as well as the resident NRC inspectors, and the plant's main computer systems. The Technical Support Center for Oyster Creek is also located on the first floor of this facility.

Tool Room - located adjacent to the maintenance shops just inside the North Gate. This facility stores and issues tools used by the Maintenance Dept.

Turbine Building (TB) - located west of the Reactor Building. This facility houses the turbine generator and all its support systems.

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Plant Systems:

Automatic Depressurization System (ADS) - a safety system designed to automatically reduce pressure in the reactor vessel under certain accident conditions, to allow the core spray system to be effective in adding coolant to the core under those conditions (small break LOCAs). ADS, which consists of five electromatic relief valves that discharge to the torus, is one of three subsystems of the Emergency Core Cooling System.

Augmented Off-Gas (AOG) System - reduces the amount of radioactive gas released to the environment by serving as a holding station to allow the radioactive materials to decay, and also filtering out radioactive particles.

Combustion Turbines (CTs) - gas-fired turbine generators which supply backup power for Oyster Creek.

Condensate/Feedwater System - returns condensed steam to the reactor and maintains reactor vessel water level.

Condensate Transfer System - supplies water for the condensate demineralizer resin replacement, providing cooling for various pumps, and flushing and makeup water to various plant systems.

Control Rod Drive (CRD) Hydraulic System - supplies and controls the pressure and flow requirements of the control rod drives. It also can be used to add makeup water to the reactor.

Containment Spray/Emergency Service Water (CS/ESW) System - safety systems designed to reduce primary containment temperature and pressure following a design basis loss-of-coolant-accident. These systems also limit the offsite doses by reducing the driving force of containment leakage.

Core Spray System (CSS) - one of three subsystems of the Emergency Core Cooling System. It is a low pressure, engineered safety system which supplies cooling water to the reactor after large or intermediate pipe breaks to prevent fuel damage.

Demineralized Water System - supplies pure water for initial fill and makeup to various water systems.

Emergency Core Cooling System (ECCS) – a required emergency safety system used to provide effective core cooling to prevent damage to nuclear fuel cladding and to limit damage to equipment/components during a loss-of-coolant-accident (LOCA). ECCS consists of three separate subsystems: the isolation condenser system, the core spray system (CSS) and ADS.



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Emergency Diesel Generator (EDG) - two diesel generators which provide electrical power to ensure safe shut down of Oyster Creek at the loss of off-site power. The EDG Building is located on the southwest side of the Protected Area.

Isolation Condenser System - one of three subsystems of ECCS and serves as large heat exchangers, which are used to reduce pressure and remove heat in the plant's reactor in the event that the turbine generator and main condenser are unavailable to remove heat. It is a standby, high-pressure system that can be activated manually or automatically to prevent overheating of the reactor fuel, to control reactor pressure, and to limit the loss of reactor coolant through the relief valves.

Radwaste System - supports plant operation by providing for backwash and precoat of the fuel pool filter, replacing demineralizer resin and disposing of spent resin and filter media, and purification of contaminated waste water for recycling back to the reactor.

Reactor Building Closed Cooling Water (RBCCW) System - supplies cooling water to selected reactor building, drywell and old radwaste facility auxiliary equipment subject to radioactive contamination during all modes of plant operation.

Reactor Protection System (RPS) - a safety system which provides automatic reactor protection by rapidly inserting all control rods or automatically shutting down the plant if certain limits are exceeded during any mode of plant operation. No single failure can prevent the RPS from performing its protective function, which is to protect the core against fuel cladding damage and the reactor vessel from overpressure, and minimizing the release of radioactive materials. This system can also be tested on-line without initiating a reactor shutdown.

Reactor Water Cleanup System (RWCU) - supplies cooling water to selected reactor building, drywell and old radwaste facility auxiliary equipment subject to radioactive contamination during all modes of plant operation.

Reactor Protection System (RPS) – a safety system which provides automatic reactor protection by rapidly inserting all control rods or automatically shutting down the plant if certain limits are exceeded during any mode of plant operation. No single failure can prevent the RPS from performing its protective function, which is to protect the core against fuel cladding damage and the reactor vessel from overpressure, and minimizing the release of radioactive materials. This system can also be tested on-line without initiating a reactor shutdown.

Reactor Water Cleanup System (RWCU) System - a closed-loop system which constantly removes impurities from reactor coolant by recirculating it through filters and a demineralizer for continuous cleanup.

Shutdown Cooling System - cools the reactor after shutdown to permit vessel head removal for refueling and also removes decay heat while the reactor is in cold shutdown.



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Standby Liquid Control System - a backup safety system containing a boron solution designed to stop the fission process in the reactor.

Turbine Building Closed Cooling Water (TBCCW) System - a closed-loop system which supplies cooling water to selected turbine and office building components not subject to radioactive contamination, and to reactor recirculation pump motor-generator sets. It also supplies a backup source of cooling water to the augmented fuel pool cooling heat exchanger, which is potentially contaminated.

Agencies:

NRC - the U.S. Nuclear Regulatory Commission FEMA - the Federal Emergency Management Agency BPU - the New Jersey (or any state) Board of Public Utilities RERP - the Radiological Emergency Response and Safety Unit of the New Jersey State Police SP/OEM - the New Jersey State Police and Office of Emergency Management DEP - the New Jersey (or any state) Department of Environmental Protection BNE - the New Jersey (or any state) Bureau of Nuclear Engineering ERPAS - Emergency Response Planning Areas designated by the State of New Jersey

- consists of a portion of Lacey Township. It is bounded on the north Area 1 -by Deer Head Lake, Lake Barnegat, Lower Lake and the Forked River. Barnegat Bay is the eastern boundary and lower Oyster Creek is the southern boundary. The Garden State Parkway forms the western boundary.
- Area 2 -consists of a portion of Ocean Township. It is bounded on the north by the Oyster Creek. The boundary to the east is Barnegat Bay. The southern boundary is Barnegat Beach Drive, Route 9, Route 532 (Waretown Brookville Road). The Garden State Parkway is the western border.
- Area 3 -consists of a portion of Ocean Township and a portion of Barnegat Township. Its northern boundary is Route 532 (Waretown Brookville Road) to Route 9, Route 9 southward to Barnegat Beach Drive and Barnegat Beach Drive eastward to the Bay. Barnegat Bay forms its eastern boundary. Route 554 (Bay Avenue) forms the boundary to the south. The Garden State Parkway is the western boundary.
- Area 4 -consists of a portion of Ocean Township and a small portion of Barnegat Township. It is bounded on the north by the Lacey/Ocean Township line and a small portion of Route 532 (Wells Mills Road). The Garden State Parkway forms the eastern boundary. Route 554 (Straight Road) is the southern boundary. The western boundary is a small portion of Brookville Road and the Ocean/Barnegat Township line.

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- Area 5 -- consists of a portion of Lacey Township. The northern boundary is
 Route 614 (Lacey Road). The Garden State Parkway is the eastern
 boundary. The southern border is a small portion of Route 532
 (Wells Mills Road) and the Lacey/Ocean Township line. The Factory
 Branch River forms the western boundary.
- Area 6 -- consists of a portion of Lacey Township. The Cedar Creek is its northern border, with Barnegat Bay its eastern boundary. The Forked River, Lower Lake, Lake Barnegat and Deer Head Lake make up the southern boundary. The western border is the Garden State Parkway.
- Area 10 -- consists of a portion of Berkeley Township, the boroughs of Ocean Gate and Pine Beach, and portions of Beachwood and South Toms River. The Toms River is the northern boundary. Barnegat Bay is the eastern border. The Cedar Creek is its southern boundary and the Garden State Parkway is the western border.
- Area 16 -- consists of a portion of the Seaside Peninsula south of Seaside Park Borough.
- Area 18 -- consists of a portion of Barnegat Bay south of an imaginary line drawn from the Oyster Creek Generating Station stack to the Barnegat Lighthouse. It consists of all the water and uninhabited islands of the Bay between this line and the Long Beach Island Causeway (Manahawkin Bay Bridge).
- Area 19 -- consists of that portion of Barnegat Bay north of an imaginary line drawn from the Oyster Creek Generating Station stack to the Barnegat Lighthouse. It contains all the water and uninhabited islands of the Bay between this line and the Seaside Causeway - Route 37 (the Tunney and Mathis Bridge).
- Area 20 -- consists of that portion of the Atlantic Ocean adjacent to Island Beach State Park and the part of Long Beach Island north of Surf City and off shore for a distance of three miles.

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- REC -- Reception Centers for public evacuations ordered by the State of New Jersey 1 Pinelands Regional High School Nugentown Rd., Tuckerton, NJ
 - 2 Brick Township High School 346 Chambers Bridge Road, Brick Twp., NJ
 - 3 Ocean County Community College Hooper Avenue, Toms River, NJ

4 Whiting Fire Dept. Rt. 530 & Cherry St., Whiting, NJ

- 5 Lakewood Middle School East 7th St. & Somerset Ave., Lakewood, NJ
- 6 Manchester High School Lakehurst Rd. & Rt. 37, Lakehurst, NJ