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An Exelon/British Energy Company

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AG5942 (08/02)

A045

AmerGen An Exelon/British Energy Company	OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE	Number 1820-IMP-1720.01
Title **Emergency Public Information Implementing Procedure**	Usage Level **2**	Revision No. 5

Prior Revision 4 incorporated the following Temporary Changes:

N/A

This Revision 5 incorporates the following Temporary Changes:

N/A

List of Pages

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
5	08/03	M. Chanda	Revise Boiler plate news releases. Remove signatures from cover page.

1.0 PURPOSE

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 APPLICABILITY/SCOPE

2.1 Upon declaration of an emergency condition, the Emergency Response Organization is responsible for the dissemination of information. These emergency conditions are: Unusual Event, Alert, Site Area Emergency, General Emergency.

3.0 DEFINITIONS

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.

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.

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, and establish a phone call 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 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.

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 review press releases prior to their approval 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 non-technical questions from the media regarding the event.

3.2.4 **MEDIA CENTER ADVISOR:** This position will serve as the technical spokesperson on the panel during press conferences. At the Media Center Lead's discretion following press conferences, this person will stay back in the auditorium for a short time to answer technical questions from the media.

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 and writing style by the Media Center Lead prior to turnover for ESD approval and its release to the public.

3.2.6 **JIC ADMIN:** 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 to fax approved press releases and posting the event classification when they occur in the auditorium.

4.0 PROCEDURE

4.1 JIC Operations

4.1.1 Event is declared.

4.1.1.1 All emergency response personnel respond to their assigned locations at the JIC and the EOF.

4.1.2 Responders arrive at JIC.

4.1.2.1 Press Release Writer (PRW) begins writing press release, based on information received from the PI Tech Rep at the JIC or EOF, or information received from the Control Room depending on whom is first available (see Exhibit 1).

4.1.2.2 Media Center Lead assesses plant event and establishes a staffing plan and watchbill for 24-hour coverage. Retains essential emergency staff and sends others home for later shifts if necessary (see Exhibit 4).

4.1.2.3 JIC Admin assures auditorium setup, work room equipment operability, etc. (see Exhibit 6). This is confirmed by Media Center Lead.

4.1.2.4 PI Tech Rep/JIC contacts PI Tech Rep/EOF to obtain plant status (see Exhibit 3).

4.1.3 Upon arrival at EOF, PI Tech Rep/EOF 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 Emergency Control Center and TSC. Any conflicting or incomplete information should be resolved prior to communicating it to the JIC.

4.1.4 The PI Tech Rep/JIC briefs the PRW, Media Center Lead and Media Center Advisor (see Exhibit 5) of plant status.

NOTE 1

The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

NOTE 2

The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State of Emergency".

NOTE 3

Security related event press releases are to be reviewed by the Security Coordinator to ensure the release does not contain any Safeguards Information.

4.1.5 The PRW completes first press release, which is reviewed by Media Center Lead.

4.1.6 Approved press release is issued by JIC Admin/Com.

4.1.7 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.

4.1.8 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.

4.1.9 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.

4.1.10 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 at the discretion of the MCL.

4.1.11 During briefing, PI Tech Rep/JIC continues to gather new information in coordination with PI Tech Rep/EOF.

4.1.12 Process recycles at 4.1.4.

4.1.13 In New Jersey, the State Police Office of Emergency Management is responsible for Rumor Control.

5.0 REFERENCES

5.1 10 CFR 50.47 (b)(7)

5.2 OCGS Emergency Plan 2000-PLN-1300.01

5.3 Emergency Preparedness Training Program 6200-PGD-2685

6.0 EXHIBITS

6.1 Exhibit 1, Press Release Writer (PRW) Checklist

6.2 Exhibit 2, Public Information Technical Representative/EOF (PI Tech Rep/EOF) Checklist

6.3 Exhibit 3, Public Information Technical Representative/JIC (PI Tech Rep/JIC) Checklist

6.4 Exhibit 4, Media Center Lead Checklist

6.5 Exhibit 5, Media Center Advisor/Communications Checklist

6.6 Exhibit 6, JIC Administrator/Communications Checklist

7.0 ATTACHMENTS

7.1 IMP-1720.01-1, Boiler Plate News Releases

7.2 IMP-1720.01-2, Press Release Flow Chart

7.3 IMP-1720.01-3, Emergency Preparedness Terminology/Definitions for Oyster Creek

EXHIBIT 1

PRESS RELEASE WRITER (PRW)

Initials

1.0 _____ Establish communications with the PI Tech Rep/JIC (or the Control Room prior to EOF activation)

2.0 _____ (1st) Write press release with information gathered from the PI Tech Rep/JIC (or information received from MCR)

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

3.0 _____ (1st) Give press releases to the Media Center Lead for review

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

Provide the ESD with press releases issued by the ED

NOTE 2

The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

4.0 _____ (1st) Assure press releases are delivered to the ESD for review and approval

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State 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

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 2

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

Initials

1.0 _____ Establish communications with the PI Tech Rep/JIC

2.0 _____ (1st) Call JIC in advance of all ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

3.0 _____ (1st) Attend all ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

4.0 _____ (1st) Call PI Tech Rep/JIC and provide new information from ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

5.0 _____ Fax the ESD turnover checklist to the PI tech Rep/JIC.

6.0 _____ (1st) Establish phone link with PI tech Rep/JIC during EOF briefings.

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

Report Communications System problems to the EOF Communications Coordinator.

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 3

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

Initials

1.0 _____ Establish communications with the PI Tech Rep/EOF

2.0 _____ Assure communications lines in JIC are manned constantly

3.0 _____ From discussions with the PI Tech Rep, provide information associated with the plant event to the Media Center Lead, the PRW and the Media Center Advisor.

1st _____ 2nd _____ 3rd _____ 4th _____ 5th _____ 6th _____ 7th _____ 8th _____ 9th _____ 10th _____ (initials)

NOTE 1

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

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 4

MEDIA CENTER LEAD

Initials

1.0 _____ Assess plant event and establish staffing plan and watch-bill for 24-hour coverage (Retain essential emergency staff and send others home for later shifts if necessary)

2.0 _____ Confirm auditorium setup and work room equipment operability with JIC Admin

NOTE
Ensure that all JIC personnel use the Name Tag Board.

3.0 _____ (1st) Receive briefings from the PI Tech Rep/JIC (w/PRW and Media Center Advisor)

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

4.0 _____ (1st) Review press releases from PRW

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE
The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

5.0 _____ (1st) Verify press releases are delivered to the ESD for approval

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1
Forward all completed checklists to the EOF Communications Coordinator.

NOTE 2
The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State of Emergency".

NOTE 3
For security related events, press releases containing Safeguards information are to be reviewed by the Security coordinator prior to release.

EXHIBIT 4
(continued)

MEDIA CENTER LEAD

Initials

6.0 _____ (1st) Concurrent with press release writing, review plant events with the Media Center Advisor and the PI Tech Rep/JIC to prepare for media briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

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

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

8.0 _____ (1st) Moderate media briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

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

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 5

MEDIA CENTER ADVISOR

Initials

1.0 _____ (1st) Receive briefings from the PI Tech Rep/JIC about plant status (with Media Center Lead and PRW)

_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

2.0 _____ (1st) Concurrent with press release writing, review plant events with the Media Center Lead and PI Tech Rep/JIC to prepare for media briefings

_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

3.0 _____ (1st) 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)

_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

4.0 _____ (1st) Attend the media briefings as the technical spokesperson

_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

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

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 6

JIC ADMINISTRATOR

Initials

1.0 _____ Assure auditorium is set up and work room equipment is operable

2.0 _____ Issue approved press releases and place copies in the back of the JIC auditorium.

NOTE 1

Forward all completed checklists to the EOF Communications Coordinator.

ATTACHMENT 1820-IMP-1720.01-1

BOILER PLATE NEWS RELEASES

INITIAL PRESS RELEASES

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

Further Information: Communications Representative
(609) 971-2180

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).***

All plant personnel and safety equipment responded as expected. There was no release of radiation associated with the event and there were no injuries to workers

An Unusual Event is the lowest of four emergency classifications established by the U.S. Nuclear Regulatory Commission. There was no danger to the public during the event and no special action by the public was needed.

All media calls should be directed to (609)-971-4020.

Amergen Energy has notified all appropriate federal, state and local emergency response officials of the Unusual Event.

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THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

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 Alert) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the alert).***

All plant personnel and safety equipment responded as expected. There was no release of radiation associated with the event.

An Alert is the second lowest of four emergency classifications established by the U.S. Nuclear Regulatory Commission.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020.

Amergen Energy has notified all appropriate federal, state and local emergency response officials of the Alert.

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ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

Further Information: Communications Representative
(609) 971-2180

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 Site Area Emergency) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the site area emergency).***

There has been a ***[small, moderate, high]*** release of radiation detected by monitors at the site boundary. Plant operators and technicians are ***[insert what they are doing to correct the situation].***

Residents within 10 miles of the plant - known as the Emergency Planning Zone - should tune to the Emergency Broadcast System radio stations or other local news stations for updated information.

AmerGen Energy is working closely with the Nuclear Regulatory Commission and has notified federal, state and local authorities about the Site Area Emergency.

A Site Area Emergency is the second highest level of federal emergency classification established by the U.S. Nuclear Regulatory Commission for nuclear plants.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020.

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ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

General Emergency Declared at Oyster Creek

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

There has been a ***[small, moderate, high]*** release of radiation detected by monitors at the site boundary. Plant operators and technicians are ***[insert what they are doing to correct the situation].***

State officials will advise residents near the plant to take protective actions if necessary via the Emergency Alert System. People living within 10 miles of the plant - known as the Emergency Planning Zone - should tune to the Emergency Broadcast System radio stations or other local news stations for updated information.

A General Emergency is the highest of four emergency classifications at a nuclear power plant and indicates imminent or actual damage to the fuel core and possible radiation releases to the public. AmerGen Energy has notified all appropriate federal, state and local emergency response officials of the General Emergency.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020..

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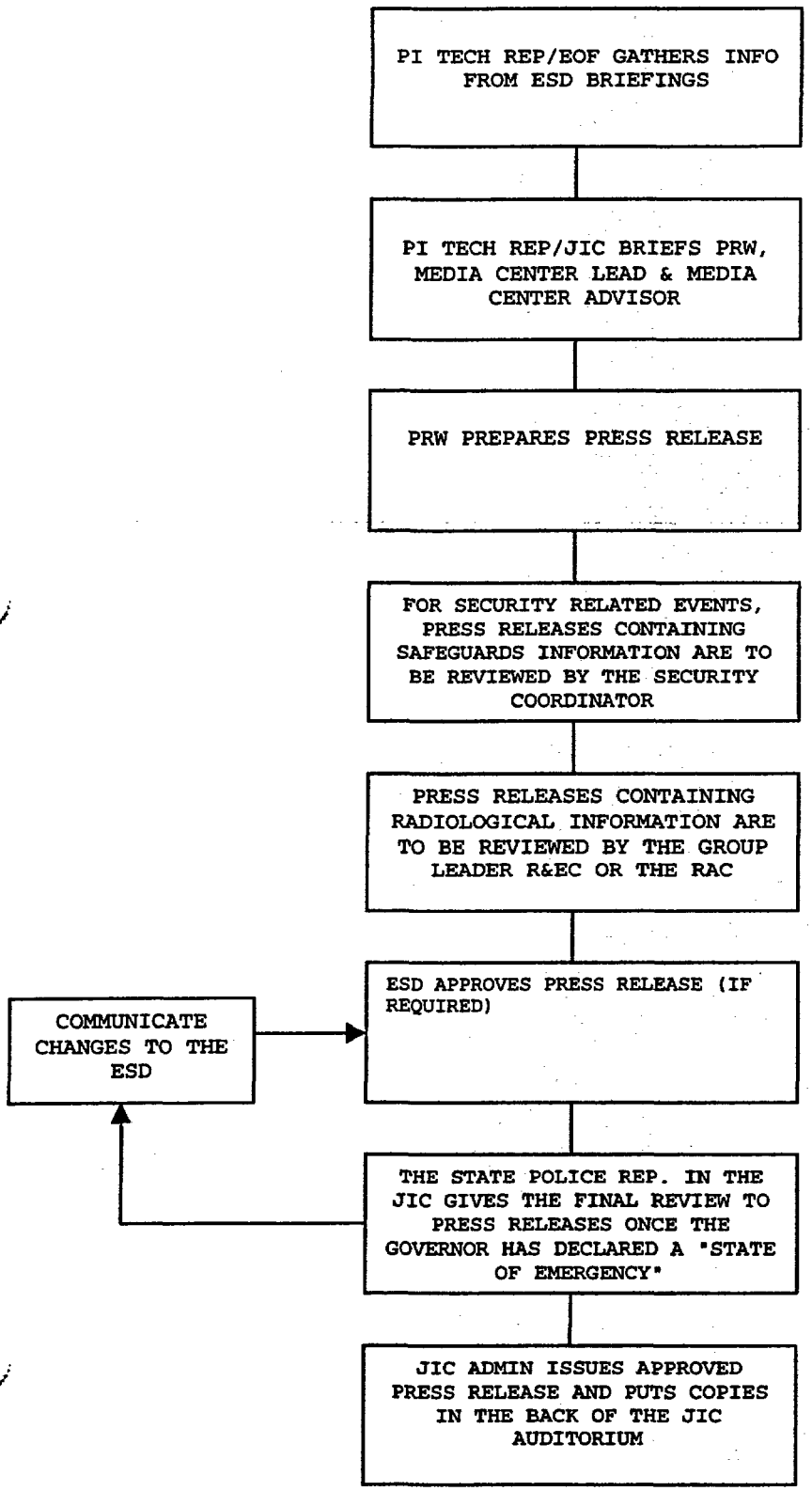
THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-2

PRESS RELEASE FLOW CHART



ATTACHMENT 1820-IMP-1720.01-3

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***

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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 (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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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

Area 1 -- consists of a portion of Lacey Township. It is bounded on the north 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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(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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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AmerGen. An Exelon/British Energy Company	OYSTER CREEK PUBLIC INFORMATION EMERGENCY PROCEDURE	Number 1820-IMP-1720.01
Title **Emergency Public Information Implementing Procedure**	Usage Level **2**	Revision No. 5

Prior Revision 4 incorporated the following Temporary Changes:

N/A

This Revision 5 incorporates the following Temporary Changes:

N/A

List of Pages

INFORMATION ONLY

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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
5	08/03	M. Chanda	Revise Boiler plate news releases. Remove signatures from cover page.

1.0 PURPOSE

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 APPLICABILITY/SCOPE

2.1 Upon declaration of an emergency condition, the Emergency Response Organization is responsible for the dissemination of information. These emergency conditions are: Unusual Event, Alert, Site Area Emergency, General Emergency.

3.0 DEFINITIONS

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.

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.

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, and establish a phone call 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 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.

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 review press releases prior to their approval 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 non-technical questions from the media regarding the event.

3.2.4 **MEDIA CENTER ADVISOR:** This position will serve as the technical spokesperson on the panel during press conferences. At the Media Center Lead's discretion following press conferences, this person will stay back in the auditorium for a short time to answer technical questions from the media.

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 and writing style by the Media Center Lead prior to turnover for ESD approval and its release to the public.

3.2.6 **JIC ADMIN:** 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 to fax approved press releases and posting the event classification when they occur in the auditorium.

4.0 PROCEDURE

4.1 JIC Operations

4.1.1 Event is declared.

4.1.1.1 All emergency response personnel respond to their assigned locations at the JIC and the EOF.

4.1.2 Responders arrive at JIC.

4.1.2.1 Press Release Writer (PRW) begins writing press release, based on information received from the PI Tech Rep at the JIC or EOF, or information received from the Control Room depending on whom is first available (see Exhibit 1).

4.1.2.2 Media Center Lead assesses plant event and establishes a staffing plan and watchbill for 24-hour coverage. Retains essential emergency staff and sends others home for later shifts if necessary (see Exhibit 4).

4.1.2.3 JIC Admin assures auditorium setup, work room equipment operability, etc. (see Exhibit 6). This is confirmed by Media Center Lead.

4.1.2.4 PI Tech Rep/JIC contacts PI Tech Rep/EOF to obtain plant status (see Exhibit 3).

4.1.3 Upon arrival at EOF, PI Tech Rep/EOF 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 Emergency Control Center and TSC. Any conflicting or incomplete information should be resolved prior to communicating it to the JIC.

4.1.4 The PI Tech Rep/JIC briefs the PRW, Media Center Lead and Media Center Advisor (see Exhibit 5) of plant status.

NOTE 1

The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

NOTE 2

The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State of Emergency".

NOTE 3

Security related event press releases are to be reviewed by the Security Coordinator to ensure the release does not contain any Safeguards Information.

4.1.5 The PRW completes first press release, which is reviewed by Media Center Lead.

4.1.6 Approved press release is issued by JIC Admin/Com.

4.1.7 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.

4.1.8 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.

4.1.9 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.

4.1.10 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 at the discretion of the MCL.

4.1.11 During briefing, PI Tech Rep/JIC continues to gather new information in coordination with PI Tech Rep/EOF.

4.1.12 Process recycles at 4.1.4.

4.1.13 In New Jersey, the State Police Office of Emergency Management is responsible for Rumor Control.

5.0 REFERENCES

5.1 10 CFR 50.47 (b)(7)

5.2 OCGS Emergency Plan 2000-PLN-1300.01

5.3 Emergency Preparedness Training Program 6200-PGD-2685

6.0 EXHIBITS

6.1 Exhibit 1, Press Release Writer (PRW) Checklist

6.2 Exhibit 2, Public Information Technical Representative/EOF (PI Tech Rep/EOF) Checklist

6.3 Exhibit 3, Public Information Technical Representative/JIC (PI Tech Rep/JIC) Checklist

6.4 Exhibit 4, Media Center Lead Checklist

6.5 Exhibit 5, Media Center Advisor/Communications Checklist

6.6 Exhibit 6, JIC Administrator/Communications Checklist

7.0 ATTACHMENTS

7.1 IMP-1720.01-1, Boiler Plate News Releases

7.2 IMP-1720.01-2, Press Release Flow Chart

7.3 IMP-1720.01-3, Emergency Preparedness Terminology/Definitions for Oyster Creek

EXHIBIT 1

PRESS RELEASE WRITER (PRW)

Initials

1.0 _____ Establish communications with the PI Tech Rep/JIC (or the Control Room prior to EOF activation)

2.0 _____ Write press release with information gathered from the PI Tech Rep/JIC (or information received from MCR)
1st
_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

3.0 _____ Give press releases to the Media Center Lead for review
1st
_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

NOTE 1

Provide the ESD with press releases issued by the ED

NOTE 2

The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

4.0 _____ Assure press releases are delivered to the ESD for review and approval
1st
_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

NOTE 1

The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State 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

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 2

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

Initials

1.0 _____ Establish communications with the PI Tech Rep/JIC

2.0 _____ (1st) Call JIC in advance of all ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

3.0 _____ (1st) Attend all ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

4.0 _____ (1st) Call PI Tech Rep/JIC and provide new information from ESD briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

5.0 _____ Fax the ESD turnover checklist to the PI tech Rep/JIC.

6.0 _____ (1st) Establish phone link with PI tech Rep/JIC during EOF briefings.

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

Report Communications System problems to the EOF Communications Coordinator.

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 3

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

Initials

1.0 _____ Establish communications with the PI Tech Rep/EOF

2.0 _____ Assure communications lines in JIC are manned constantly

3.0 _____ From discussions with the PI Tech Rep, provide information associated with the plant event to the Media Center Lead, the PRW and the Media Center Advisor.

1st

_____ _____ _____ _____ _____ _____ _____ _____ _____ (initials)
2nd 3rd 4th 5th 6th 7th 8th 9th 10th

NOTE 1

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

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 4

MEDIA CENTER LEAD

Initials

1.0 _____ Assess plant event and establish staffing plan and watch-bill for 24-hour coverage (Retain essential emergency staff and send others home for later shifts if necessary)

2.0 _____ Confirm auditorium setup and work room equipment operability with JIC Admin

> **NOTE**
>
> Ensure that all JIC personnel use the Name Tag Board.

3.0 _____ (1st) Receive briefings from the PI Tech Rep/JIC (w/PRW and Media Center Advisor)

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

4.0 _____ (1st) Review press releases from PRW

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

> **NOTE**
>
> The press release for JIC activation and the press release describing the initial classification requiring JIC activation only require MCL approval for issuance.

5.0 _____ (1st) Verify press releases are delivered to the ESD for approval

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

> **NOTE 1**
>
> Forward all completed checklists to the EOF Communications Coordinator.

> **NOTE 2**
>
> The State Police Rep. in the JIC gives the final review for press releases once the Governor has declared a "State of Emergency".

> **NOTE 3**
>
> For security related events, press releases containing Safeguards information are to be reviewed by the Security coordinator prior to release.

EXHIBIT 4
(continued)

MEDIA CENTER LEAD

Initials

6.0 _____ (1st) Concurrent with press release writing, review plant events with the Media Center Advisor and the PI Tech Rep/JIC to prepare for media briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

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

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

8.0 _____ (1st) Moderate media briefings

_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

NOTE 1

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

NOTE 2

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 5

MEDIA CENTER ADVISOR

Initials

1.0 _____ (1st) Receive briefings from the PI Tech Rep/JIC about plant status (with Media Center Lead and PRW)
_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

2.0 _____ (1st) Concurrent with press release writing, review plant events with the Media Center Lead and PI Tech Rep/JIC to prepare for media briefings
_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

3.0 _____ (1st) 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)
_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

4.0 _____ (1st) Attend the media briefings as the technical spokesperson
_____ (2nd) _____ (3rd) _____ (4th) _____ (5th) _____ (6th) _____ (7th) _____ (8th) _____ (9th) _____ (10th) (initials)

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

Forward all completed checklists to the EOF Communications Coordinator.

EXHIBIT 6

JIC ADMINISTRATOR

Initials

1.0 _____ Assure auditorium is set up and work room equipment is operable

2.0 _____ Issue approved press releases and place copies in the back of the JIC auditorium.

NOTE 1

Forward all completed checklists to the EOF Communications Coordinator.

ATTACHMENT 1820-IMP-1720.01-1

BOILER PLATE NEWS RELEASES

INITIAL PRESS RELEASES

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

Further Information: Communications Representative
(609) 971-2180

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).***

All plant personnel and safety equipment responded as expected. There was no release of radiation associated with the event and there were no injuries to workers

An Unusual Event is the lowest of four emergency classifications established by the U.S. Nuclear Regulatory Commission. There was no danger to the public during the event and no special action by the public was needed.

All media calls should be directed to (609)-971-4020.

Amergen Energy has notified all appropriate federal, state and local emergency response officials of the Unusual Event.

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THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

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 Alert) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the alert).***

All plant personnel and safety equipment responded as expected. There was no release of radiation associated with the event.

An Alert is the second lowest of four emergency classifications established by the U.S. Nuclear Regulatory Commission.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020.

Amergen Energy has notified all appropriate federal, state and local emergency response officials of the Alert.

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THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

Further Information: Communications Representative
(609) 971-2180

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 Site Area Emergency) (period of the day or night - ex: today, this afternoon, this evening) when (cause of the site area emergency).***

There has been a ***[small, moderate, high]*** release of radiation detected by monitors at the site boundary. Plant operators and technicians are ***[insert what they are doing to correct the situation].***

Residents within 10 miles of the plant - known as the Emergency Planning Zone - should tune to the Emergency Broadcast System radio stations or other local news stations for updated information.

AmerGen Energy is working closely with the Nuclear Regulatory Commission and has notified federal, state and local authorities about the Site Area Emergency.

A Site Area Emergency is the second highest level of federal emergency classification established by the U.S. Nuclear Regulatory Commission for nuclear plants.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020.

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THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-1
(continued)

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:

General Emergency Declared at Oyster Creek

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

There has been a ***[small, moderate, high]*** release of radiation detected by monitors at the site boundary. Plant operators and technicians are ***[insert what they are doing to correct the situation].***

State officials will advise residents near the plant to take protective actions if necessary via the Emergency Alert System. People living within 10 miles of the plant - known as the Emergency Planning Zone - should tune to the Emergency Broadcast System radio stations or other local news stations for updated information.

A General Emergency is the highest of four emergency classifications at a nuclear power plant and indicates imminent or actual damage to the fuel core and possible radiation releases to the public. AmerGen Energy has notified all appropriate federal, state and local emergency response officials of the General Emergency.

Further information will be provided at the Joint Information Center (JIC), located at Jersey Central Power & Light's Pinelands Regional Division Office, 55 River Road (Route 9) Lakewood, as it becomes available. All media calls should be directed to (609)-971-4020..

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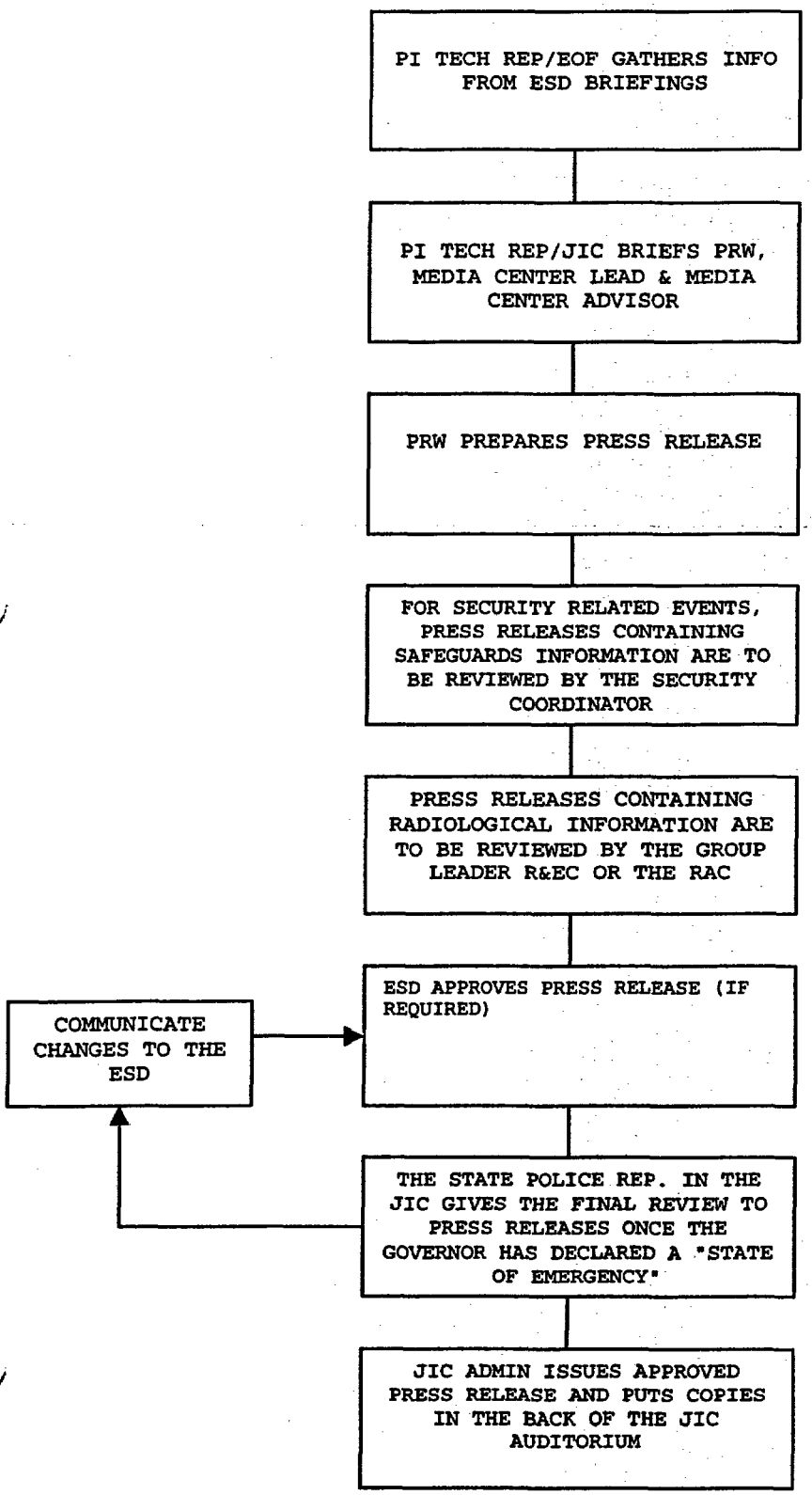
THIS IS A DRILL

ATTACHMENT 1820-IMP-1720.01-2

PRESS RELEASE FLOW CHART



ATTACHMENT 1820-IMP-1720.01-3

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***

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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 (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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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

Area 1 -- consists of a portion of Lacey Township. It is bounded on the north 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.

ATTACHMENT 1820-IMP-1720.01-3
(continued)

EMERGENCY PREPAREDNESS TERMINOLOGY/DEFINITIONS FOR OYSTER CREEK

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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