



Entergy

Indian Point 3

AP-18.1

Attachment 1

Revision 10

Page 1

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TO: MRC- Doc Control Desk

CONTROL COPY NO.: 25

FROM: EMERGENCY PLANNING

DATE: 04/15/02

SUBJECT: Emergency Planning Implementing Procedures

The enclosed revisions are for your controlled copy of the IP-3 Emergency Plan. Please discard old sheets, insert new sheets, initial/date this transmittal and return it to the IP-3 DOCUMENTS DEPARTMENT. If you have any questions regarding these changes, call Emergency Planning (x8318/271-7418).

Thank you.

Volume III - Emergency Planning Implementing Procedures

OLD NEW

Table of Contents 4/02
IP-1055 Rev. 14 3/00

Table of Contents 4/15/02
IP-1055 Rev. 15 4/02

I acknowledge the receipt of these revisions to the IP-3 Emergency Plan.

(Signature)

(Date)

ENTERGY NUCLEAR NORTHEAST
INDIAN POINT NO. 3 NUCLEAR POWER PLANT
EMERGENCY PLAN - VOLUME III
IMPLEMENTING PROCEDURES

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EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-1055 REV. 15

TITLE: Fire Emergency Response



THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Rebecca A Martin 4/16/02
SIGNATURE/DATE
REVIEWED BY: Maryann Wilson 4/16/02
SIGNATURE/DATE
APPROVED BY: Shane Smith 4/18/02
SIGNATURE/DATE
EFFECTIVE DATE: 4/19/02

PROCEDURE USE IS
REFERENCE

IP-1055

FIRE EMERGENCY RESPONSE

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IP-1055

FIRE EMERGENCY RESPONSE

1.0 PURPOSE

This procedure describes the actions to be taken by personnel who respond to a fire emergency at Indian Point Energy Center Unit 3 (Unit 3). This procedure shall also be followed during normal plant operations and when a fire exists in the Radiologically Controlled Area (RCA). IR

2.0 RESPONSIBILITIES

- 2.1 When a fire is discovered, all Unit 3 personnel are responsible for notifying the Control Room (CR). Notification of a fire should be made using emergency phone extension 6911 and should include the caller's name along with the location and nature of the fire. IR
- 2.2 In accordance with ONOP-FP-1, "Plant Fire" and FP-7, "Fire Notification Guidelines", the CR is responsible for making the required notifications and sounding the fire alarm. ID
- 2.3 The CR is responsible for determining activation of the Emergency Plan as per the Emergency Action Levels (EALs) found in Volume II of the Emergency Plan.
- 2.4 In accordance with IP-1027, "Emergency Personnel Exposure" the Shift Manager (SM) or Emergency Director (ED) is authorized to allow fire fighters to exceed 10CFR20 limits.
- 2.5 In accordance with IP-1019, "Emergency Use of Potassium Iodide (KI)", the SM or ED determines the need to issue potassium iodide (KI) tablets.
- 2.6 In accordance with AP-64, "Site Fire Protection" and FP-5, "Fire Emergency" the Site Fire Brigade is responsible for responding to any fire emergency at Unit 3 and requesting offsite fire fighting assistance, if needed. IR
- 2.7 In accordance with the appropriate procedures, Security is responsible for directing Unit 2 personnel (who support the Site Fire Brigade) and offsite fire assistance, on-site, and evacuating unnecessary personnel from the fire area. IR
- 2.8 In accordance with this procedure, the Watch Health Physics (H.P.) Technician/designee is responsible for responding to any fire in the RCA.

3.0 REFERENCES

- 3.1 Emergency Plan, Volume II Appendix B "Emergency Offsite Telephone List"
- 3.2 Emergency Plan, Volume II, "Initiating Conditions and Emergency Action Levels (IC/EALs)"
- 3.3 AP-27.3, "Site Fire Protection"
- 3.4 FP-5, "Fire Emergency"
- 3.5 FP-7, "Fire Notification Guidelines"
- 3.6 ONOP-FP-1, "Plant Fire"
- 3.7 IP-1027, "Emergency Personnel Exposure"
- 3.8 10CFR20
- 3.9 IP-1019, "Emergency Use of Potassium Iodide (KI)"
- 3.10 EP-Form #7, "Authorization for Personnel to Receive Emergency Personnel Exposures above 10CFR20 limits"
- 3.11 EP-Form #13, "Fire Fighter Exposure Record"

4.0 PROCEDURE

- 4.1 SOUND the site fire alarm.
- 4.2 Using the plant page, ANNOUNCE the location of the fire and instruct Fire Brigade response. This message should be repeated twice and the alarm resounded.
- 4.3 CALL Security CAS to ensure they heard the Fire Brigade page and the location of the fire.
- 4.4 When requested by the Fire Brigade Leader and as directed by the SM, CALL the Verplanck Fire Department for assistance. (Refer to Emergency Plan, Volume II, Appendix B "Emergency Offsite Telephone List".)
- 4.5 NOTIFY Security of the impending arrival of the Verplanck Fire Department.
- 4.6 ENSURE activation of the Emergency Plan as required (refer to Emergency Plan, Volume II, IC/EALs.)
 - A. IF the Emergency Response Facilities (ERFs) are staffed, THEN do the following:
 - 1. Via the H.P. Team Leader (H.P TL) in the Operations Support Center (OSC), the Plant Operations Manager (POM) will assess the radiological conditions that exist at the fire scene.
 - 2. Prior to dispatching the Fire Brigade, the POM shall assess the following conditions. (If radiological conditions exist where there is a potential to exceed the 10CFR20 limits, refer to IP-1027, "Emergency Personnel Exposure"):

- Area dose rate < 10 R/hr.:
The Fire Brigade shall be dispatched from the CR to the fire scene. Notification shall then be made to the OSC to dispatch an H.P. to the fire scene to provide radiological guidance.
 - Area dose rate > 10 R/hr.:
The POM shall designate a briefing area (e.g., entry into the RCA/4th Floor H.P. Control Point). Notify the OSC to dispatch an H.P. to the briefing location where he will provide radiological guidance. Authorize dispatch of Fire Brigade to the briefing location prior to responding to the fire scene.
3. CONDUCT a debriefing to ensure that the POM and OSC Manager are cognizant of the Fire Brigade actions.
- 4.7 ENSURE H.P. Technicians are performing all necessary duties as listed on Attachment 5.1, "Watch H.P. Fire Response".
- 4.8 ENSURE Security Officers are performing all necessary duties as listed on Attachment 5.2, "Security Fire Response".

NOTE

- Provided full turnout gear is worn, when fighting a fire in a contaminated area, Anti-C clothing is not required to be worn by the Site Fire Brigade and offsite fire fighters.
- Access through the gate at the 4th floor H.P. Control Point may be obtained using the key located in the glass box attached inside Fire Brigade Locker #4 on the 4th Floor of the Administration Building.
- Escort TLDs and dosimeters are located in each turnout coat pocket in the following areas:

Fire Brigade Locker - Water Factory
Fire Brigade Room - 1st Floor Turbine Deck
Fire Brigade Locker #3 - 3rd Floor Turbine Deck
Fire Brigade Leader - 3rd Floor Turbine Deck

5.0 ATTACHMENTS

- 5.1 Watch H.P. Fire Response
- 5.2 Security Fire Response
- 5.3 EP-Form #13, "Fire Fighter Exposure Record"

END OF TEXT

IP-1055

ATTACHMENT 5.1

WATCH H.P. FIRE RESPONSE

1. RESPOND to all fires in the RCA and have a Self-Contained Breathing Apparatus (SCBA) available for use if needed.
2. For communications with the CR and the Fire Brigade Leader, BRING a walkie talkie tuned to Frequency #2.
3. Upon arrival to the fire scene, NOTIFY the Fire Brigade Leader.
4. EVALUATE the location of the fire and address any radiological concerns directly to the Fire Brigade Leader at the fire scene or at a briefing designated by the POM.
5. MAKE every effort to keep exposures to fire fighters As Low As Reasonably Achievable (ALARA).
6. When possible, CHECK all fire fighters to ensure they have the appropriate dosimetry. If not already done, issue dosimetry.
7. SET UP an air sampler (particulate and iodine) as close as practical to where the smoke may be venting. If available at the fire scene, use a Continuous Air Monitor (CAM) as per approved H.P. procedures.
8. If it becomes necessary for any fire fighter to exceed 10CFR20 limits, NOTIFY the SM/ED.
9. If it becomes necessary for the offsite fire fighters to exceed Entergy Nuclear Northeast's radiation exposure limits (500 mRem per year) NOTIFY the SM/ED.
10. During the fire fighting operations, EVALUATE the potential for the spread of radioactive contamination from the use of water.
11. EVALUATE airborne activity through the use of the Counting Room. If the air sample activity is greater than $3E-9$ μ Ci/cc, an isotopic analysis is required.
12. NOTIFY the Fire Brigade Leader of any restrictions you are imposing on the fire fighters.
13. As directed by the SM/ED, ISSUE KI.
14. When venting smoke, ADVISE the Fire Brigade Leader as to proper control of airborne activity. Depending on the heat involved, secondary fires may arise in the ventilation system/filters. The H.P. and the Fire Brigade Leader should consider shutting down the ventilation system if such a possibility exists.

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ATTACHMENT 5.1

WATCH H.P. FIRE RESPONSE

15. EVALUATE the need for decontamination and whole body counting of personnel as described in approved H.P. procedures.
16. DETERMINE if internal exposure should be assigned.
17. AFTER the fire has been extinguished, RECORD the name of each fire fighter and their TLD number on Attachment 5.3, EP-Form #13, "Fire Fighter Exposure Record". In addition, obtain a TLD Badge Request Form (pink slip) from Dosimetry and complete it at this time.
 - IF the SM/ED has authorized an extension to receive emergency personnel exposure above 10CFR20 limits, THEN complete EP-Form #7, "Authorization for Personnel to Receive Emergency Exposure Above 10CFR20 Limits" (refer to IP-1027, "Emergency Personnel Exposure").
 - RETURN completed forms to the Dosimetry Office.
18. Before allowing the fire fighters to leave the RCA for the last time, CHECK them, their clothing and equipment for possible contamination as per approved H.P. procedures.

NOTE

In order to prevent interference with fire fighting efforts, repeated exits from the RCA WITHOUT frisking is permitted.

19. All clothing and equipment which is not permitted to be removed from the RCA due to contamination should be INVENTORIED for compensation.

ATTACHMENT 5.2

SECURITY FIRE RESPONSE

1. DIRECT responding Unit 2 personnel and offsite fire fighters and accompanying apparatus' through the nearest gate to the fire area. IA
2. When responding to the fire, WEAR a SCBA. IR
3. EVACUATE unnecessary personnel from the fire area.
4. IF fire is located in the RCA, THEN do the following:
 - ENSURE access for Fire Brigade at 4th floor H.P. Control Point.
 - TAKE the Offsite Fire Fighter Kit from the Security Command Post (CAS) to the entrance point for offsite fire fighter use.
 - ISSUE a dosimeter and TLD from the Offsite Fire Fighter Kit to each fire fighter and instruct them to wear them underneath their turnout gear to protect against water damage.
 - Additional TLDs and dosimeters are located in Fire Brigade Locker #4 on the 4th Floor Administration Building (near the Control Point).

ATTACHMENT 5.3

EP-FORM #13

FIRE FIGHTER EXPOSURE RECORD

Date: _____

H.P. Technician:

[illegible]

DISTRIBUTION CONTROL LIST

Document Name: EMER PLAN

CC_NAME	NAME	DEPT	LOCATION
	0 ELLMERS J (TRANS. ONLY)	APPRAISAL & COMPLIANCE	WPO/14A
	1 MONTANARELLO M	ADMINISTRATION	45-3-B
	2 TRAINING MANAGER	TRAINING	#48
	3 RES DEPARTMENT MANAGER	RES DEPARTMENT	45-4-A
	4 REFERENCE LIBRARY	RECORDS (TRNG BLDG)	#48
	8 PUBLIC RELATIONS MANAGER	PUB. REL. (AP-ONLY)	46-2-C
	9 JOINT NEWS CENTER	EMERGENCY PLANNING	EOF
	10 SHIFT MGR. (LUB-001-GEN)	OPERATIONS	IP3
	11 CONTROL ROOM & MASTER	OPS (3PT-D001-D006 ONLY)	IP3
	12 COMPUTER SERVICES MANAGER	COMPUTER SERVICES	45-2-E
	13 I&C MANAGER	I&C	45-2-A
	14 EOF	E-PLAN	EOF
	15 EOF	E-PLAN	EOF
	16 AEOF/A.GROSJEAN	E-PLAN (EOP'S ONLY)	WPO-12D
	17 AEOF/A.GROSJEAN	E-PLAN (EOP'S ONLY)	WPO-12D
	19 NUC ENGINEERING LIBRARY	WPO DOCUMENT CONTROL	WPO/7A
	22 RESIDENT INSPECTOR	US NRC	45-2-B
	23 MCNAMARA N	NRC	OFFSITE
	24 MCNAMARA N	NRC	OFFSITE
	25 DOCUMENT CONTROL DESK	NRC	OFFSITE
	28 AVRAKOTOS N	J A FITZPATRICK	OFFSITE
	29 E-PLAN ENGINEER	E-PLAN	EOF
	30 E-PLAN COORDINATOR	E-PLAN	EOF
	31 BARANSKI J	ST. EMERG. MGMT. OFFICE	OFFSITE
	32 MURPHY L - VOLUME #1 ONLY	DISASTER & EMERGENCY	WESTCHESTR
	33 LONGO, N.-VOLUME #1 ONLY	EMERGENCY SERVICES	ROCKLAND
	34 GREENE D - VOLUME #1 ONLY	DISASTER & CIVIL DEFENSE	ORANGE
	35 RAMPOLLA M-VOLUME #1 ONLY	OFFICE OF EMERG MANAGE	PUTNAM
	37 HP WATCH OFFICE	LAURA EAGENS	45-4-A
	38 SECURITY COMMAND POST	SECURITY	#44A
	39 SECONDARY ALARM (SAS)	SECURITY	44A
	40 SECURITY MANAGER	SECURITY	44-A
	41 SIMULATOR	TRAINING	48-2-A
	42 CONTROL ROOM & MASTER	OPS (3PT-D001-D006 ONLY)	IP3
	106 SIMULATOR INSTRUCT AREA	TRG/3PT-D001-D006 ONLY)	#48
	107 QA MANAGER	QA	TRL #2A
	128 O.R.G. DEPT. MANAGER	O.R.G. DEPARTMENT	46-2-B
	158 SYSTEM ENGINEERING MGR.	SYSTEM ENGINEERING	45-3-H
	211 D&A MANAGER	DESIGN ENGINEERING	TRL-#31-A
	308 HUGHES J IP-1011 ONLY	E-PLAN	CON ED
	309 HUGHES J IP-1011 ONLY	E-PLAN	CON ED
	319 C.STELLATO	NRQ-OPS / TRAINING	#48
	354 L.GRANT	LRQ-OPS / TRAINING	#48
	357 D. PITT	TRAINING - OPS OFFICE	48-2-A
	376 EOF	E-PLAN	EOF
	424 OPS-INSTR (LL'S 1 COPY)	J. CHIUSANO/TRAINING	#48
	510 L.GRANT	LRQ-OPS / TRAINING	#48
	511 L.GRANT	LRQ-OPS / TRAINING	#48
	512 C.STELLATO	NRQ-OPS / TRAINING	#48