JAFP-17-0015

Enclosures

Including change documentation and screening:

- SECTION 1, Revision 29
- SECTION 2, Revision 28

Including change documentation

- EAP-1.1, Revision 73 (Editorial Corrections)

ENTERGY NUCLEAR OPERATIONS, INC.
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

DEFINITIONS/ACRONYMS

SECTION 1

EFFECTIVE DATE: 2/23/2017

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* INFORMATIONAL USE *	* QUALITY RELATED *
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PERIODIC REVIEW DUE DATE: JANUARY 2018

CONTROLLED

Rev. No. 29

REVISION SUMMARY PAGE

REV. NO. CHANGE AND REASON FOR CHANGE

29 FULL REVISION

1. Adjusted cover sheet to remove signatures and OSRC information. Reason: To be consistent with AP-02.01 format changes.

2. Section 1.1 & Section 1.2 - Remove all references to EDAMS and replace with URI. Reason: URI needed to be added in both sections because EDAMS was previously deleted in EAP-4 revision 45.

3. Section 1.1 - Remove definition for RADDOSE V. Reason: EDAMS was previously deleted in EAP-4 revision 45.

4. Section 1.2 - Meteorological Monitoring Systems - change statement from "Data is accessible by EDAMS" to "Data is accessible via designated computers". Reason: EDAMS was previously deleted in EAP-4 revision 45.

5. Section 1.1 - Remove all references to the White Plains Office. Reason: White Plains office no longer serves as the CEC and was previously deleted in Plan Section 7 revision 33.

SECTION 1

DEFINITIONS/ACRONYMS

Table of Contents

SECTION 1

DEFINITIONS/ACRONYMS

1.0 DEFINITIONS/ACRONYMS

1.1 Definitions

This section contains the definition of terms for the James A. FitzPatrick Nuclear Power Plant.

Accountability - The process by which the onsite emergency organization determines the location of personnel in order to identify missing and/or injured personnel.

Activation - Actions taken to staff and setup an emergency response facility to make it operational. Actions include but are not limited to notification of emergency personnel, equipment setup and equipment operability testing.

Alert - Events are in process or have occurred which involve a potential or actual substantial degradation of the level of safety of the plant, or a Security event that involves probable life threatening risk to site personnel or damage to site equipment because of intentional malicious dedicated efforts of a hostile act. Any releases are expected to be limited to small fractions of the EPA Protective Action Guides exposure levels beyond the site boundary.

Alternate NY State Watch Center (Alternate SWC) - The Alternate NY SWC is located in the New York State Police Communications Center in Public Security Building No. 22, State Office Building Campus, Albany, New York. This facility is manned 24 hours per day to receive Radiological Emergency Communication System (RECS) or alternate notifications during off-hours.

Area Radiation Monitor (ARM) - Instruments (some of which are fixed) which typically measures gross gamma radiation levels in a local area and alarms when the radiation exposure rate reaches the preset alarm level.

Assessment Actions - Those actions taken during or after an accident to obtain and process information necessary to make decisions to implement specific emergency measures.

Augmented Dose Assessment - Dose Assessment from the Emergency Offsite Facility (EOF) or Technical Support Center (TSC) utilizing dose assessment staff.

Command and Control - This is the function where the current Emergency Director resides (Control Room or EOF).

Committed Dose Equivalent (CDE) - The dose equivalent to organs or tissues of reference that will be received from an intake of radioactive material by an individual during the 50-year period following the intake (organ dose)(per EPA-400 definition).

Committed Effective Dose Equivalent (CEDE) - The sum of the products of the weighing factors applicable to each of the body organs or tissues that are irradiated and the committed dose equivalent to these organs or tissues.

Corporate Emergency Center (CEC) Manager - Coordinates requests for personnel, equipment, materials, and support services during the emergency or recovery phase.

Corrective Actions - Those emergency measures taken to mitigate or terminate an emergency situation at or near the source of the problem in order to prevent an uncontrolled release of radioactive material or to reduce the magnitude of a release.

County Warning Point - The E-911 Center at the Oswego County Public Safety Building in Oswego. This serves as a notification point for messages from the utilities to appropriate officials in Oswego County.

Deep Dose Equivalent (DDE) - Applies to external whole body exposure, is the dose equivalent at tissue depth of 1 cm (1,000 mg/cm^2) [external whole body dose].

Dose Equivalent (DE) - The product of the absorbed dose in tissue, quality factor, and all other necessary modifying factors at the location of interest; measured in rem or seivert.

Dose Projection - A calculated estimate of the potential dose to individuals at a given location, usually off site.

Emergency Actions - A collective term which encompasses the assessment, corrective and protective actions taken during the course of an emergency.

Emergency Action Levels (EAL) - Plant instrumentation readings, survey measurements, or off normal plant conditions that are used to classify an emergency. (See Emergency Classification System.)

Emergency Action Procedure (EAP) - The procedures which provide a detailed list of responsibilities and actions to be implemented by personnel staffing emergency facilities.

Emergency Alert System (EAS) [formerly Emergency Broadcast System (EBS)] - A network of radio stations organized to permit designated government officials a means of timely and efficient issuance of emergency information and instructions to the public.

Emergency Classification System - A system that categorizes certain abnormal plant conditions into one of the following classes:

- Unusual Event
- Alert
- Site Area Emergency
- General Emergency

Emergency Director (ED) - The position designated in the emergency response organization that has the authority and responsibility to implement and administer the Emergency Plan. The Shift Manager may act as the Emergency Director.

Emergency Operations Center (EOC) - Designated state and county facilities used for the assessment of emergency information and coordination and control of local and state emergency response personnel.

Emergency Operations Facility (EOF) - The designated and equipped facility that is used to provide continuous coordination with local, state, and federal agencies, and provide evaluation of FitzPatrick activities during an emergency having or potentially having environmental consequences. The EOF is located on County Route 176, approximately 12 miles south of the JAF plant.

Emergency Plan Implementing Procedures - The procedures, which detail the specific course of action for implementing the emergency plan at the JAF Facility.

Emergency Preparedness Manager - The individual responsible for the coordination of emergency planning efforts.

Emergency Plant Manager (EPM) - Individual normally assigned to the TSC who normally oversees the onsite and plant aspects of the emergency. The EPM reports to the Emergency Director.

Emergency Planning Zone (EPZ) - There are two Emergency Planning Zones. The first is an area, approximately 10 miles in radius around the JAFNPP, for which detailed emergency planning consideration of the Plume Exposure Pathway has been given to ensure prompt and effective protective actions for the public. The second is an area, approximately 50 miles in radius around the JAFNPP, for which emergency planning consideration of the Ingestion Exposure Pathway has been given to ensure effective preventative measures for the public.

Emergency and Plant Information Computer (EPIC) - Computer providing display of plant data to the Control Room, TSC, and EOF. EPIC includes Safety Parameter Display System (SPDS) information.

Emergency Response Data System (ERDS) - A computerized link between JAF EPIC data system and the NRC Operations Center.

Emergency Response Facility (ERF) - ERF is a generic term referring to a facility that is used for emergency purposes. These facilities include the Control Room, Technical Support Center, Emergency Operations Facility, Operational Support Center, Alternate Operational Support Center, Joint Information Center, Oswego County Emergency Operations Center.

Emergency Response Planning Area (ERPA) - Pre-designated sub-areas within the 10-Mile Emergency Planning Zone used to more specifically target the recommendation of off site protective actions.

Emergency Response/Recovery Organization - The organizational structure within the James A. FitzPatrick Nuclear Power Plant Emergency Response Organization, which is responsible for coordinating response and recovery from emergency conditions at the plant.

Emergency Telecommunications System (ETS) - Part of the Federal Telecommunications system used by the NRC for emergency communications.

Exclusion Area - The property of the James A. FitzPatrick Nuclear Power Plant and Nine Mile Point stations surrounding the Protected Area in which the licensee has the authority to determine all activities including exclusion or removal of personnel and property from the area.

Federal Radiological Monitoring and Assessment Plan - An arrangement whereby the Department of Energy and other federal agencies provide teams to assist JAFNPP, Oswego County and New York State with an in-depth capability during a radiological emergency.

Final Safety Analysis Report (FSAR) - Multi-volume report describing a nuclear power plant's site, design features, safety features and the utility's intended methods of operation.

General Emergency - Events, which are in process or have occurred which involve imminent or actual substantial core degradation or melting with the potential for loss of containment integrity, or Security events that result in an actual loss of physical control of the facility.

Hostile Action - An act toward JAFNPP or its personnel that includes the use of violent force to destroy equipment, take hostages, and/or intimidate the licensee to achieve an end. This includes attack by air, land, or water using guns, explosives, projectiles, vehicles, or other devices used to deliver destructive force. Other acts that satisfy the overall intent may be included. Hostile Action should not be construed to include acts of civil disobedience or

felonious acts that are not part of a concerted attack on JAFNPP.

Ingestion Exposure Pathway - A pathway by which individuals can be exposed to radiation from ingestion of contaminated water or foods such as milk, fresh vegetables, and fish.

Initial Dose Assessment - Dose assessment using a pre-calculated dose assessment value tree, to be conducted before augmented dose assessment.

Joint Information Center - Located next to the Oswego County Airport on Co. Rt. 176 in the Town of Volney. The Joint Information Center provides a central facility for the release of information to the public. The facility includes participants from JAFNPP, Nine Mile Point, Oswego County, New York State, and Federal Agencies.

Joint Information Center Manager - ERO position whose primary responsibility is direction of all activities at the Joint Information Center and coordination of information.

Meteorological Monitoring System - A computer and software that accesses the main, backup and inland tower data. Data is accessible via designated computers.

National Warning System (NAWAS) - A nationwide warning system used to warn of actual or impending natural or man-made disasters. NAWAS warning points are strategically located and are manned on a 24-hour-a-day basis.

New York State Emergency Operations Center (NYSEOC) - The New York State EOC is located in the substructure of the Public Safety Building No. 22, State Office Building Campus, Albany, New York. It is the State Command Post from which emergency operations will be directed and coordinated.

NSSS Supplier - Nuclear Steam Supply System Supplier, General Electric Company, San Jose, California.

Offsite - The area outside the Exclusion Area. Offsite surveys include the area inside the exclusion area, but outside the protected area.

Onsite - The area within the Exclusion Area.

Operational - Status of an emergency facility declared by the appropriate facility manager upon determining that the facility is adequately staffed and equipment is setup and available to assume/perform the emergency functions assigned to that facility.

Operational Support Center (OSC) - The area on the 272' level of the old administration building that serves as an onsite assembly and dispatch area for plant survey, fire, rescue, and maintenance teams.

Oswego County Emergency Management Office (OCEMO) - The lead local government agency responsible for off site emergency response within the 10 mile EPZ surrounding the James A. FitzPatrick Nuclear Power Plant.

Oswego County Emergency Operations Center (OCEOC) -Located in the Emergency Management Office in the basement of the Oswego County Branch Building, Fulton, New York; serves as a command post from which emergency operations will be directed and coordinated.

Oswego County Warning Point (OCWP) - The dispatch center at Oswego E-911 Center in Oswego. This serves as a notification point for messages from the utilities to appropriate officials in the County.

Plant Data Acquisition System - A computer link making plant data available for onsite and offsite emergency facilities.

Plant Operator - Any member of the plant staff who, by virtue of training and experience, is qualified to assess the indications or reports for validity and to compare the same to the EALs in the licensee's emergency classification scheme.

Plume Exposure Pathway - The principal exposure sources from this pathway are: a) external exposure to gamma radiation from the plume and from deposited material; and b) inhalation exposure from the passing radioactive plume. This pathway is commonly identified as the 10 mile EPZ.

Population at Risk - Those persons for whom protective actions are being or would be taken.

Primary Assembly Areas - Specific locations at the plant designated for the assembly of personnel in the event of a Protected Area Evacuation.

Projected Dose - The estimated radiation dose that would be received by individuals following a release of radiation.

Protected Area - The area within the plant security fence designated to implement the security requirements of 10 CFR 73.

Protected Area Evacuation - Evacuation of individuals from the Protected Area, with assembly at designated primary assembly areas.

Protective Actions - Actions taken in anticipation of / or after a release of radioactive material, for the purpose of preventing or minimizing radiological exposures to persons that would otherwise be likely to occur if the actions were not taken. Some of the protective actions are:

- Protected Area Evacuation On Site
- Site Evacuation
- Sheltering off site population
- Evacuation of the off site population
- Isolation of ingestion pathways and sources

Protective Action Guides (PAG) - Guidance developed by the Environmental Protection Agency regarding projected radiological dose or dose commitment values to individuals in the general population that warrant protective action following a release of radioactive material.

Radiologically Controlled Area (RCA) - Any area, access to which is limited for the purpose of protecting individuals against undue risks from exposure to radiation and radioactive materials. The RCA is posted with a sign bearing the radiation caution symbol in magenta, purple or black on a yellow background. Examples of radiologically controlled areas are:

- Reactor Building
- Turbine Building
- Radwaste Building
- Main Stack

Examples of other postings within an RCA include:

- RADIOACTIVE MATERIALS
- CONTAMINATED AREA
- AIRBORNE RADIOACTIVITY AREA
- HIGHLY CONTAMINATED AREA
- RADIATION AREA
- HIGH RADIATION
- VERY HIGH RADIATION AREA

Radiological Emergency Communications System (RECS) -System used to provide initial notification of an emergency, and continuing emergency information, to the State, Oswego County and Nine Mile Point Stations.

Recovery Activities - Those actions taken after the emergency to restore the plant as nearly as possible to its pre-emergency condition.

Remote Assembly Area - Specific locations outside the JAFNPP exclusion area for the assembly of personnel in the event of a Site Evacuation. The primary Remote Assembly Area is the Oswego County Airport on Co. Rt. 176 in the Town of Volney.

Restricted Area - An area, access to which is limited by the licensee, for the purpose of protecting individuals against undue risks from exposure to radiation and radioactive materials. Separate rooms or areas in any building may be set apart as a restricted area. The restricted area is that area inside of the protected area fence and any other area within the site boundary that is appropriately identified and restricted from unauthorized entry.

Severe Accident Operating Guidelines (SAOG's) - Guidelines to assist in dealing with a Severe Accident.

Safety Parameter Display System (SPDS) - System providing a display of plant data from which the safety status of plant operations may be assessed in the Control Room, Technical Support Center and Emergency Operations Facility.

Site Area Emergency - Events which are in process, or have occurred, which involve potential or actual major failure of plant functions needed for protection of the public, or Security events that result in intentional damage or because of intentional malicious dedicated efforts of hostile action: toward site personnel or equipment that could lead to the likely failure of, or: prevents effective access to equipment needed for the protection of the public. Any releases are not expected to result in exposure levels which exceed EPA Protective Action Guide exposure levels beyond the site boundary.

Site Evacuation - Evacuation of all people, except NMPNS personnel, from the exclusion area and evacuation of all nonessential personnel from the JAFNPP protected area via the security gate to the designated Remote Assembly Area or home.

Site Recovery Director - The Site Recovery Director is responsible for the management of recovery operations and other support functions. The Recovery Director is the senior company official who has the requisite authority, management ability and technical know-how to manage the nuclear power plant recovery operations. He has full authority to make required decisions regarding plant recovery without consulting higher management.

Spokesperson - ERO position whose primary responsibility is to act as the individual to coordinate all outgoing information to public officials, the news media and to the public.

State Emergency Operations Center - The New York State EOC is located in the substructure of the Public Safety Building No. 22, State Office Building Campus, Albany, New York. It is the State Command Post from which emergency operations will be directed and coordinated.

State Watch Center (SWC) - A center for receipt and dissemination of warnings of an attack upon the United States as well as for actual or impending natural or man-made disasters.

Technical Support Center (TSC) - The emergency facility activated and staffed by plant management and other personnel during an emergency to utilize technical data and displays to provide direction for implementation of emergency procedures, and in-depth technical support to Control Room activities. Located on the second floor of the old administration building.

Technical Support Guidelines (TSG's) - Guidelines providing information for use in implementing SAOG's.

Thyroid Dose and Thyroid Dose Rate - These terms have been replaced with Committed Dose Equivalent-Thyroid (CDE-Thyroid). CDE-Thyroid is defined as the internal dose that will be received by the thyroid over 50 years following an intake of radioactive materials plus the deep dose equivalent to the thyroid. For application offsite, dose to the child thyroid has been agreed upon by the New York State Dose Assessment Task Force. For application onsite to JAFNPP emergency workers, an adult thyroid dose is used.

Total Effective Dose Equivalent (TEDE) - The sum of the Deep Dose Equivalent (DDE) plus Committed Effective Dose Equivalent (CEDE) from inhalation components.

Unified Rascal Interface (URI) - Dose assessment software that is operated from a PC or the network that utilizes real-time met data inputs to project dose to members of the public for use in determining PARs. URI uses the NRC's RASCAL dose model and has a user plant specific front end and output format. URI has two modes - the first is a rapid assessment mode that is utilized by the Control Room, and the second is a detailed dose assessment mode that is utilized by the EOF.

Unrestricted Area - An area, access to which is neither limited nor controlled by the licensee.

Unusual Event (UE) - Events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant or indicate a security threat to facility protection. No releases of radioactive material requiring offsite response or monitoring are expected, unless further degradation of safety systems occurs.

Web-based Emergency Operations Center (WebEOC) - A crisis information management software tool.

Whole Body Dose and Whole Body Dose Rate - These terms have been replaced with Total Effective Dose Equivalent (TEDE). TEDE is defined as the sum of the deep dose equivalent (DDE) (external dose) and the inhalation components. The New York State Utilities Dose Assessment Task Force agrees with the recommendation of NUMARC in defining TEDE (previously external dose) as the DDE and any measurable thyroid CEDE components during the early phase of the emergency. The early phase is defined up to the first four days after an emergency. In this usage, the TEDE rate may be considered equivalent to a gamma dose rate reading on a fixed or portable survey instrument. Actual iodine, particulate and ground shine dose components should be factored in to the TEDE as soon as possible, although this is not required for initial TEDE determination. Default iodine to noble gas ratios may be used until actual data becomes available. Since the iodine contribution to TEDE is very small using the default ratio of approximately 1E-4, it can be omitted from the determination of TEDE.

1.2 Acronyms

AE	Architect/Engineer
ALARA	As Low As Reasonably Achievable
AOP	Abnormal Operating Procedure
ARM	Area Radiation Monitor
BRH	New York State Bureau of Environmental Radiation Protection
CDE	Committed Dose Equivalent
CEDE	Committed Effective Dose Equivalent
CWP	County Warning Point
DDE	Deep Dose Equivalent
DE	Dose Equivalent
DHS	Department Of Homeland Security
DLR	Dosimeter Legal Record
DO	Duty Officer
DOE	U. S. Department of Energy
EAL	Emergency Action Level
EAP	JAFNPP Emergency Action Procedure
EAS	Emergency Alert System
ECCS	Emergency Core Cooling System
ED	Emergency Director
EMS	Emergency Medical Service
ENS	Emergency Notification System
EOC	Emergency Operations Center

EOF	Emergency Operations Facility
EOP	Emergency Operating Procedure
EP	EOP Support Procedure
EPA	Environmental Protection Agency
EPM	Emergency Plant Manager
EPIP	NMPNS Emergency Plan Implementing Procedure
EPZ	Emergency Planning Zone
ERDS	Emergency Response Data System
ERON	Emergency Response Organization Notification System
ERPA	Emergency Response Planning Area
ETS	Emergency Telecommunications System
FEMA	Federal Emergency Management Agency
FRMAP	Federal Radiological Monitoring and Assessment Plan
FSAR	Final Safety Analysis Report
IAP	JAFNPP Emergency Plan Immediate Action Procedure
JAFNPP	James A. FitzPatrick Nuclear Power Plant
JIC	Joint Information Center
KI	Potassium Iodide
LCO	Limiting Condition of Operation
LOCA	Loss of Coolant Accident
MSIV	Main Steam Isolation Valve
NAWAS	National Warning System
NFO	Nuclear Facility Operator
NMPNS	Nine Mile Point Nuclear Station
NRC	U. S. Nuclear Regulatory Commission
NSSS	Nuclear Steam Supply System
NWS	National Weather Service
NYSDOH	New York State Department of Health
NYSEOC	New York State Emergency Operations Center
NYSOEM	New York State Office of Emergency Management
NYSPIO	New York State Public Information Officer
NYSWC	New York State Watch Center
OCEMO	Oswego County Emergency Management Office
OCEOC	Oswego County Emergency Operations Center
OCNFLO	Oswego County Nuclear Facility Liaison Officer
OP	Operating Procedure
OSC	Operational Support Center

OSRC	Onsite Safety Review Committee
PA	Public Address
PAG	Protective Action Guides
PAR	Protective Action Recommendation
PASS	Post Accident Sampling System
PNS	Prompt Notification System
RCA	Radiologically Controlled Area
RECS	Radiological Emergency Communications System
RERP	Radiological Emergency Response Plan
SAOG	Severe Accident Operating Guidelines
SAP	JAFNPP Emergency Plan Supplemental Action Procedure
SBGT	Standby Gas Treatment
S/D	Shutdown
SEMO	State Emergency Management Office
SEOC	State Emergency Operations Center
SGTS	Standby Gas Treatment System
SM	Shift Manager
SOCA	Security Owner Controlled Area
SUNY	State University of New York
SWC	State Watch Center
TEDE	Total Effective Dose Equivalent
TLD	Thermoluminescent Dosimeter
TSC	Technical Support Center
TSG	Technical Support Guidelines
URI	Unified Rascal Interface

Procedure/Document Number: Emergency Plan Section 1	Revision: 29
Equipment/Facility/Other: James A. FitzPatrick Nuclear Power Plant	
Title: DEFINITIONS/ACRONYMS	

Part II. Activity Previously Reviewed? Is this activity fully bounded by an NRC approved 10 CFR 50.90 submittal or Alert and Notification System Design Report? If YES, identify bounding source document number/approval reference and ensure the basis for concluding the source document fully bounds the proposed change is documented below: **Justification:** ☐ Bounding document attached (optional)	☐YES 50.54(q)(3) Evaluation is NOT required. Enter justification below and complete Part VI.	☒ NO Continue to next part

Part III. Applicability of Other Regulatory Change Control Processes

Check if any other regulatory change processes control the proposed activity.(Refer to EN-LI-100)

NOTE: For example, when a design change is the proposed activity, consequential actions may include changes to other documents which have a different change control process and are **NOT** to be included in this 50.54(q)(3) Screening.

APPLICABILITY CONCLUSION

☒ If there are no controlling change processes, continue the 50.54(q)(3) Screening.

☐ One or more controlling change processes are selected, however, some portion of the activity involves the emergency plan or affects the implementation of the emergency plan; continue the 50.54(q)(3) Screening for that portion of the activity. Identify the applicable controlling change processes below.

☐ One or more controlling change processes are selected and fully bounds all aspects of the activity. 50.54(q)(3) Evaluation is NOT required. Identify controlling change processes below and complete Part VI.

CONTROLLING CHANGE PROCESSES:

10CFR50.54(q)

Part IV. Editorial Change Is this activity an editorial or typographical change such as formatting, paragraph numbering, spelling, or punctuation that does not change intent? **Justification:** Change #1 from Part I - Adjusted cover sheet to remove signatures and OSRC information to be consistent with AP-02.01 format changes. The proposed change is editorial in nature in accordance with EN-AD-101. It does not change the intent or purpose of the procedure. No further evaluation is required.	☐YES 50.54(q)(3) Evaluation is NOT required. Enter justification and complete Part VI.	☒ NO Continue to next part

Part V. Emergency Planning Element/Function Screen (Associated 10 CFR 50.47(b) planning standard function identified in brackets) Does this activity affect any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II?	
1. Responsibility for emergency response is assigned. [1]	☐
2. The response organization has the staff to respond and to augment staff on a continuing basis (24/7 staffing) in accordance with the emergency plan. [1]	☐
3. The process ensures that on shift emergency response responsibilities are staffed and assigned. [2]	☐
4. The process for timely augmentation of onshift staff is established and maintained. [2]	☐
5. Arrangements for requesting and using off site assistance have been made. [3]	☐

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6. State and local staff can be accommodated at the EOF in accordance with the emergency plan. [3]	☐
7. A standard scheme of emergency classification and action levels is in use. [4]	☐
8. Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications. [5]	☐
9. Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway. [5]	☐
10. The public ANS meets the design requirements of FEMA-REP-10, Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants, or complies with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter. [5]	☐
11. Systems are established for prompt communication among principal emergency response organizations. [6]	☐
12. Systems are established for prompt communication to emergency response personnel. [6]	☐
13. Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway emergency planning zone (EPZ). [7]	☐
14. Coordinated dissemination of public information during emergencies is established. [7]	☐
15. Adequate facilities are maintained to support emergency response. [8]	☐
16. Adequate equipment is maintained to support emergency response. [8]	☐
17. Methods, systems, and equipment for assessment of radioactive releases are in use. [9]	☐
18. A range of public PARs is available for implementation during emergencies. [10]	☐
19. Evacuation time estimates for the population located in the plume exposure pathway EPZ are available to support the formulation of PARs and have been provided to State and local governmental authorities. [10]	☐
20. A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events.[10]	☐
21. The resources for controlling radiological exposures for emergency workers are established. [11]	☐
22. Arrangements are made for medical services for contaminated, injured individuals. [12]	☐
23. Plans for recovery and reentry are developed. [13]	☐
24. A drill and exercise program (including radiological, medical, health physics and other program areas) is established. [14]	☐
25. Drills, exercises, and training evolutions that provide performance opportunities to develop, maintain, and demonstrate key skills are assessed via a formal critique process in order to identify weaknesses. [14]	☐
26. Identified weaknesses are corrected. [14]	☐
27. Training is provided to emergency responders. [15]	☐
28. Responsibility for emergency plan development and review is established. [16]	☐
29. Planners responsible for emergency plan development and maintenance are properly trained. [16]	☐

APPLICABILITY CONCLUSION

☒ If no Part V criteria are checked, a 50.54(q)(3) Evaluation is NOT required; document the basis for conclusion below and complete Part VI.

☐ If any Part V criteria are checked, complete Part VI and perform a 50.54(q)(3) Evaluation.

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Title: DEFINITIONS/ACRONYMS	

BASIS FOR CONCLUSION

Items 2, 3 and 4 – Remove references to EDAMS because EDAMS is no longer used and URI is the current system used at JAF. The removal of EDAMS and use of URI has previously been evaluated in EAP-4, Revision 45 on 12-17-2014. The change does not add, delete or modify a process, meaning or intent of a description, or change facilities or equipment. No further evaluation is required.

Item 5 – Remove all references to the White Plains Office because the White Plains office no longer exists. The removal of the White Plains Office has previously been evaluated in Plan Section 7, Revision 33 on 11-19-2014. The change does not add, delete or modify a process, meaning or intent of a description, or change facilities or equipment. No further evaluation is required.

Part VI. Signatures:		
Preparer Name (Print) Mellonie Christman	Preparer Signature M Christman	Date: 1/25/2017
(Optional) Reviewer Name (Print) N/A	Reviewer Signature	Date:
Reviewer Name (Print) Aaron Magee Nuclear EP Project Manager	Reviewer Signature	Date: 1/25/17
Approver Name (Print) ~~James D. Jones~~ Pete Cullman (acting) EP manager or designee	Approver Signature	Date: 1/25/17

ENTERGY NUCLEAR OPERATIONS, INC.
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

EMERGENCY PLAN VOLUME 1

SCOPE AND APPLICABILITY

SECTION 2

EFFECTIVE DATE: 2/23/17

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PERIODIC REVIEW DUE DATE: JANUARY 2018

REVISION SUMMARY PAGE

REV. NO. CHANGE AND REASON FOR CHANGE

28 FULL REVISION

1. Adjusted cover sheet to remove signatures and OSRC information. Reason: To be consistent with AP-02.01 format changes.

2. Section 2.3 - Updated numbers and descriptive information. Reason: To reflect 2016 population information.

3. Figure 2.4 Page 2-8 - Updated to 2016 population numbers. Reason: To reflect 2016 population information.

4. Figure 2.4 Page 2-9 - Updated to 2016 population numbers.

Reason: To reflect 2016 population information.

SECTION 2

SCOPE AND APPLICABILITY

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SECTION 2

SCOPE AND APPLICABILITY

2.0 SCOPE AND APPLICABILITY

2.1 Description of the Plant and Site

The James A. FitzPatrick Nuclear Power Plant (JAFNPP) is a single-unit electric power generating plant equipped with a boiling water reactor rated at approximately 2536 megawatts thermal with a net electrical output of approximately 850 megawatts. The plant's principal components are a nuclear steam generating system, a turbine-generator unit, 345 kv and 115 kv switchyards, lake water pumping facilities complete with intake and discharge structures, and other auxiliary equipment.

The plant consists of five principal buildings interconnected to form one structure approximately 640 feet long and 250 feet wide. These buildings are the turbine building, the reactor building, the radwaste building, the pump house and screen well building, and the administrative building. There is a 385 ft. high stack located approximately 400 feet south of the plant. The 345 kV and 115 kV switchyards are approximately 200 feet west of the plant. Figure 2.1 shows a map of the site. The plant buildings and switchyards use approximately one percent of the total site area. About 600 acres of the site has been left in its natural condition.

The plant site is on the shore of Lake Ontario in the town of Scriba, Oswego County, New York. The plant is located adjacent to and east of the Nine Mile Point Nuclear Station (NMPNS) which is operated by another Corporation. Figure 2.5 shows a map of the combined NMPNS/JAFNPP Site. Exclusion distances for the NMPNS/JAFNPP site are 3,000 feet to the east, over a mile to the west and approximately one and one-half miles to the southern site boundary. Markers have been placed in Lake Ontario denoting an exclusion distance north of the plant site. These markers are removed prior to the onset of the winter season. For the purpose of off-site emergency planning, the NMPNS/JAFNPP sites are considered to be one exclusion area. This exclusion area may also be referred to as the site boundary or combined owner controlled areas.

2.2 Emergency Planning Zones

There are two Emergency Planning Zones (EPZ). The first is the Plume Exposure Pathway Emergency Planning Zone which is an area approximately 10 miles in radius around the JAFNPP (see Figure 2.2), for which detailed emergency planning consideration of the plume exposure pathway has been given to ensure prompt and effective protective actions for the public. The second is the Ingestion Exposure Pathway Emergency Planning Zone which is an area approximately 50 miles in radius around the JAFNPP (see Figure 2.3), for which emergency planning consideration of the ingestion exposure pathway has been given to ensure effective protective measures for the public.

The area within 10 miles of the James A. FitzPatrick Nuclear Power Plant is located on Lake Ontario and in Oswego County. Oswego County is predominantly rural in nature with the majority of its total land acres consisting of woodland, wetlands and inactive agricultural land. Although active agricultural lands account for only a small part of the total land acres, agriculture is the major land use in the county. In recent years, there has been a trend toward fewer farms and increased residences in low density areas.

Available statistics indicate that the area surrounding the site is primarily woodland with some active agricultural land. The major agricultural activity in Oswego County is dairy, accounting for the greatest percentage of the value of all farm products produced in the county. The major harvested crops are hay, alfalfa, and corn. The major livestock animals are cattle.

The industrial activities within 10 miles of the site are confined principally to the city of Oswego and the community of Scriba, with little industry in the outlying communities of Minetto, Volney, and Mexico. One facility in the immediate area is the NOVELIS manufacturing plant which is located approximately three miles southwest of the site on Route 1. An electrical generating facility has been constructed adjacent to the NOVELIS manufacturing plant.

The public institutions, aside from the schools and churches, within the 10 mile Plume Exposure EPZ of the site are a hospital and a college in the city of Oswego. There are no public institutions within five miles of the site.

A detailed listing of special facilities in Oswego County within the 10 mile Plume Exposure EPZ is presented in the "Oswego County Radiological Emergency Response Plan."

2.3 Population

The total 2016 population of the plume exposure pathway EPZ is 41,049. (This data is from 2010 census data as updated in 2016 and is discussed in Appendix K of the Emergency Plan.) The population density of the immediate area surrounding the site is quite low, with the exception of the city of Oswego whose population in 2015 was 17,787 and the Village of Mexico, located approximately nine miles from the site, which contains about 1,574 residents. According to the 2011 Residence Census performed for the Radiological Environmental Monitoring Program, the nearest permanent resident is on Lake Road, about 0.7 miles east-southeast of the plant. The population distribution within 10 miles of the site is presented in Figure 2.4.

2.4 Scope

This JAFNPP Emergency Plan provides guidance for response to both on site and off site emergency situations. The plan provides responses to all levels of emergencies that have an actual or potential degradation of the level of safety at JAFNPP, including hostile action. To this end, this plan has been prepared in general accordance with NUREG-0654/ FEMA-REP-1, Revision 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants, November 1980.

This plan presents the organization and emergency response activities that will be performed to provide an organized response to an accident. Detailed actions are described in the Emergency Plan Implementing Procedures. Inter-relationships of this plan with procedures, other plans and emergency arrangements include:

A. Detailed actions to be taken by plant personnel in response to emergency conditions are described in Emergency Plan Implementing Procedures. A listing of JAFNPP Emergency Plan Implementing Procedures is contained in Appendix A.

B. Plant Operating Procedures are coordinated with the Emergency Plan and Implementing Procedures to ensure appropriate actions are taken on a timely basis.

C. The JAFNPP Radiation Protection Procedures define such areas as radiological controls and precautions, personnel decontamination and instructions for health physics activities. These instructions are implemented on a routine basis and may be used during emergency situations as necessary. Specific Implementing Procedures, such as those necessary for emergency radiological surveys, are included in the Emergency Plan Implementing Procedures.

D. The JAFNPP Security and Safeguards Plans and Implementing Procedures and the Emergency Plan and Implementing Procedures are coordinated to ensure compatibility. The Oswego County Radiological Emergency Preparedness Plan and the New York State Radiological Emergency Plan, in conjunction with this Plan and Implementing Procedures, provide for early and redundant notification schemes, continual assessment and update, and the initiation of protective actions.

E. The concept of JAF emergency operations and its relationship to the Federal, State, County and private organizations is described in Section 5.0 and 6.0. A block diagram which illustrates these interrelationships is included in Figure 5.1.

2.5 Figures, Forms and Attachments

Figure 2.1 JAFNPP Fenced Area Map

Figure 2.2 Plume Emergency Planning Zone (10 Mile Radius)

Figure 2.3 Ingestion Emergency Planning Zone (50 Mile Radius)

Figure 2.4 Population Distribution by Emergency Response Planning Area

Figure 2.5 Combined NMPNS/JAFNPP Site Map

Figure 2.1

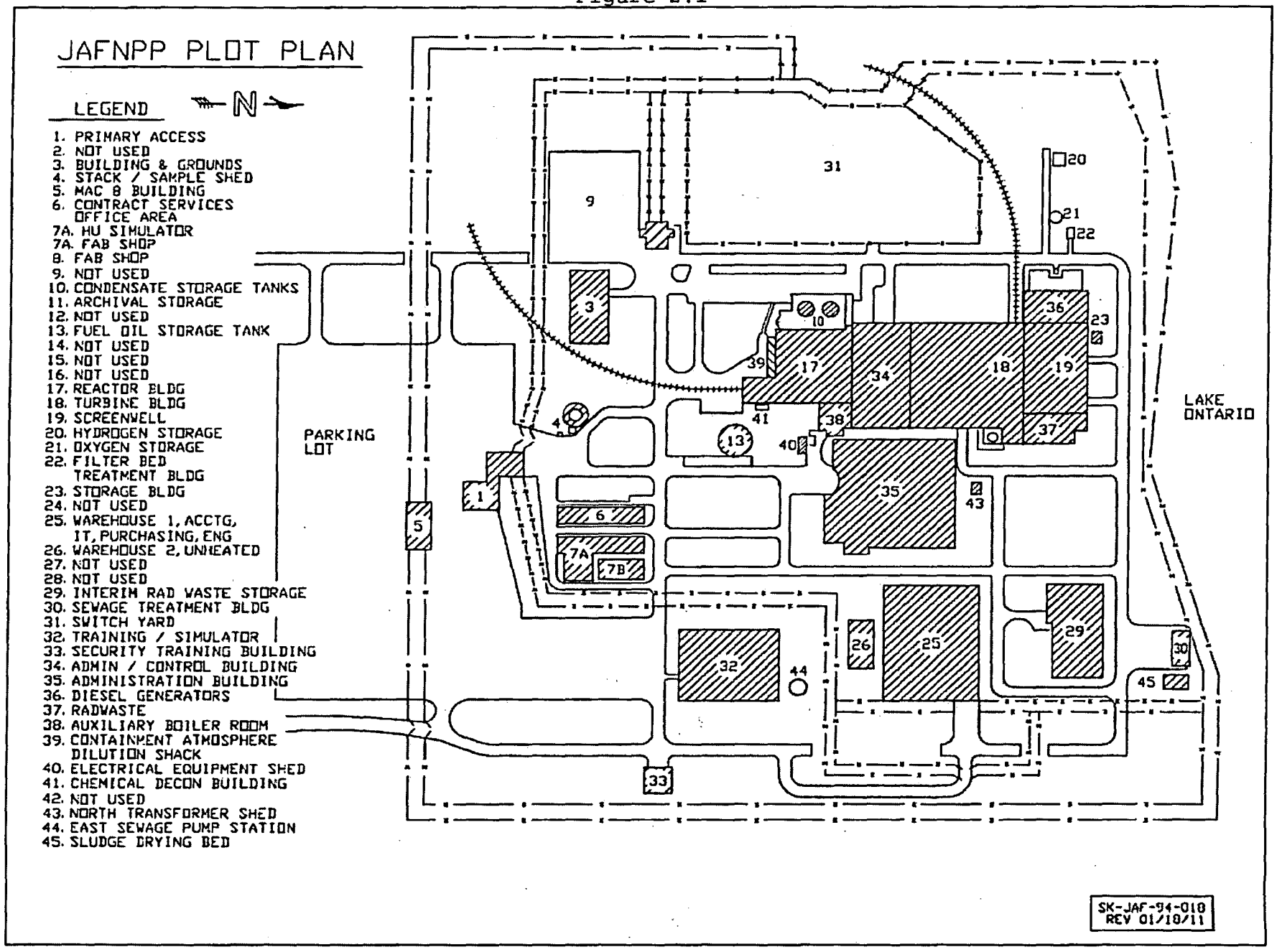

JAFNPP PLOT PLAN
LEGEND
N
1. PRIMARY ACCESS
2. NOT USED
3. BUILDING & GROUNDS
4. STACK / SAMPLE SHED
5. MAC 8 BUILDING
6. CONTRACT SERVICES OFFICE AREA
7A. HU SIMULATOR
7A. FAB SHOP
8. FAB SHOP
9. NOT USED
10. CONDENSATE STORAGE TANKS
11. ARCHIVAL STORAGE
12. NOT USED
13. FUEL OIL STORAGE TANK
14. NOT USED
15. NOT USED
16. NOT USED
17. REACTOR BLDG
18. TURBINE BLDG
19. SCREENWELL
20. HYDROGEN STORAGE
21. OXYGEN STORAGE
22. FILTER BED TREATMENT BLDG
23. STORAGE BLDG
24. NOT USED
25. WAREHOUSE 1, ACCTG, IT, PURCHASING, ENG
26. WAREHOUSE 2, UNHEATED
27. NOT USED
28. NOT USED
29. INTERIM RAD WASTE STORAGE
30. SEWAGE TREATMENT BLDG
31. SWITCH YARD
32. TRAINING / SIMULATOR
33. SECURITY TRAINING BUILDING
34. ADMIN / CONTROL BUILDING
35. ADMINISTRATION BUILDING
36. DIESEL GENERATORS
37. RADWASTE
38. AUXILIARY BOILER ROOM
39. CONTAINMENT ATMOSPHERE DILUTION SHACK
40. ELECTRICAL EQUIPMENT SHED
41. CHEMICAL DECON BUILDING
42. NOT USED
43. NORTH TRANSFORMER SHED
44. EAST SEWAGE PUMP STATION
45. SLUDGE DRYING BED
PARKING LOT
LAKE ONTARIO
SK-JAF-94-010
REV 01/10/11

Figure 2.2

This page is a large map and can be viewed in JAF Merlin Database.

To search for the map do the following in Merlin:

1.) Log onto Merlin Reference Library
2.) Double click General Records (on left menu), a search box opens to the right.
3.) Click the arrow to the right of the Document Type field, from the list select Emergency Plan Maps
4.) In the Document ID field type Section 2
5.) Click the search button located at the bottom left
6.) Double click to view the record that displays in the search results screen
7.) The map will appear in Adobe Reader

NOTE: Reference to locate Map in Emergency Planning Dept. efiles.
G:\EPlan Procedures\Emergency Plan Maps and Figures\MAP 1-Rev-1 - Plume
(Map Number 1) Ten mile Emergency Planning Zone (Plume Exposure Pathway)

Figure 2.3

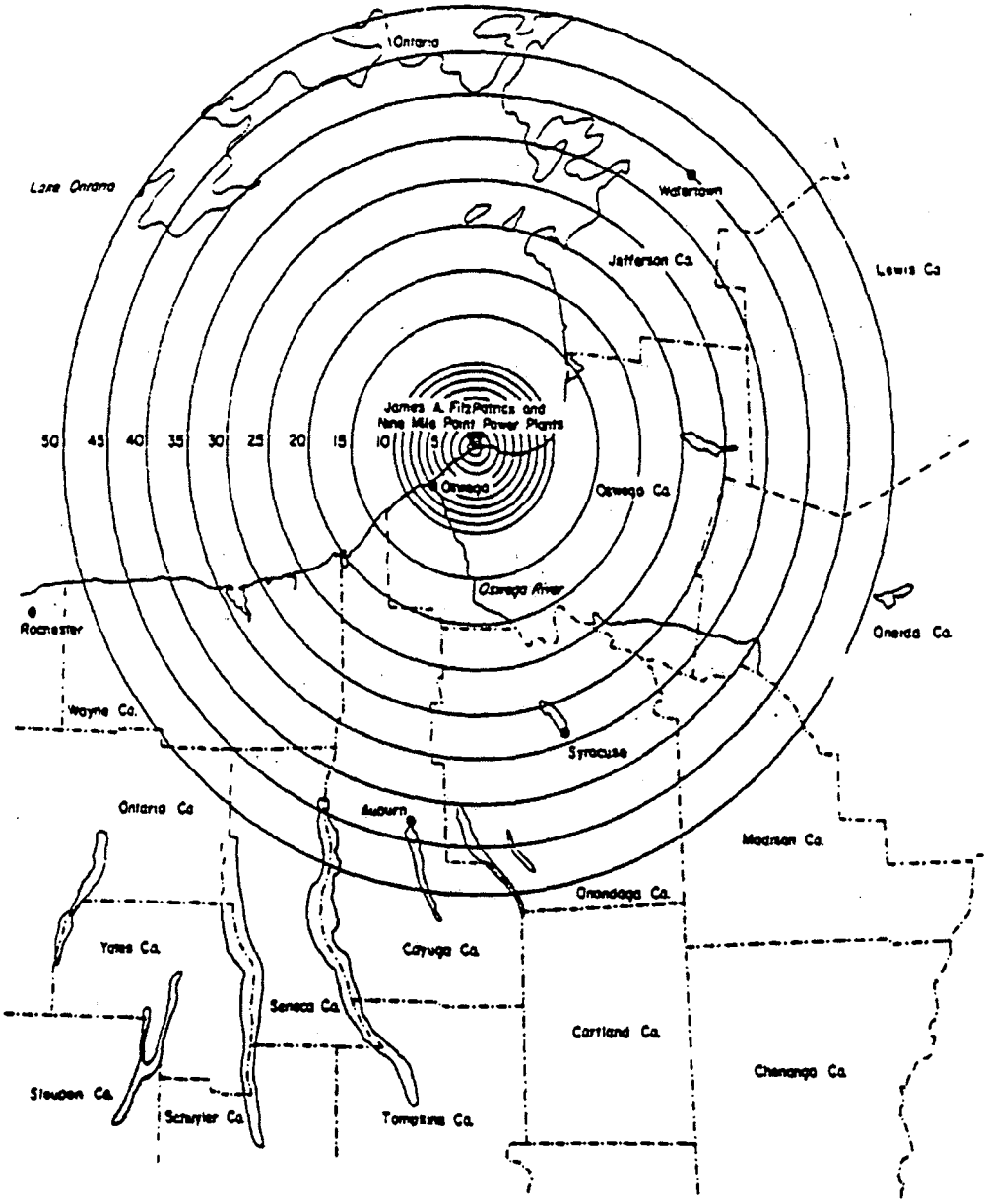
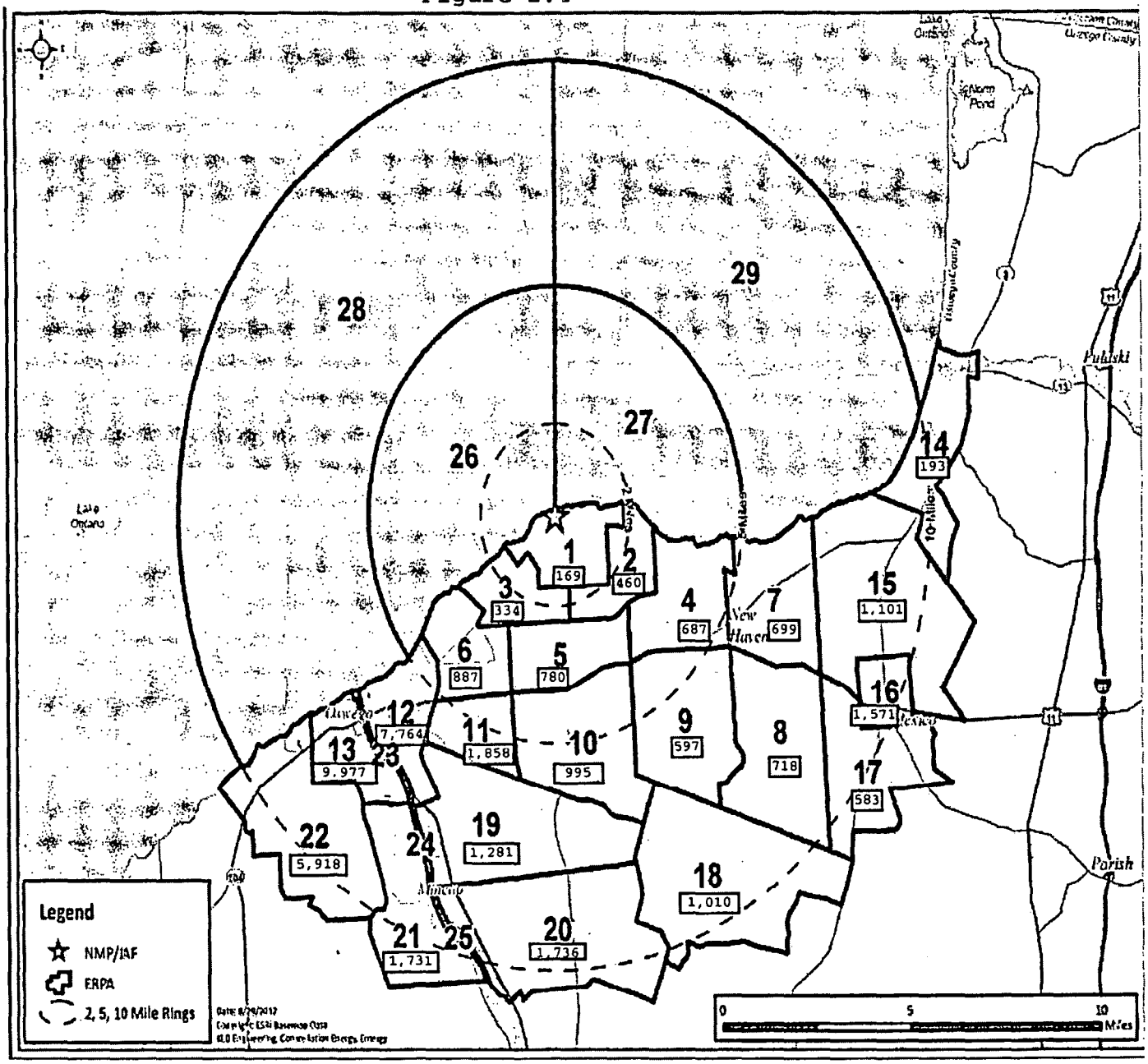

Lake Ontario
Ontario
Watertown
Jefferson Co.
Lewis Co.
James A. FitzPatrick and Nine Mile Point Power Plants
50 45 40 35 30 25 20 15 10 5
Oswego
Oswego Co.
Oswego River
Rochester
Oneida Co.
Wayne Co.
Syracuse
Ontario Co.
Auburn
Madison Co.
Onondaga Co.
Yates Co.
Cayuga Co.
Seneca Co.
Cortland Co.
Chenango Co.
Steuben Co.
Schuyler Co.
Tompkins Co.
N
Legend
County
City
0 5 10 15
Scale in miles
RADIOLOGICAL EMERGENCY PREPAREDNESS PLAN
James A. FitzPatrick and Nine Mile Point Power Plants
0 to 50-Mile Rev. 12/91

Figure 2.4



LEGEND 1 ERPA NUMBER 169 ERPA POPULATION

2016 Population Estimates Emergency Response Planning Areas (ERPAs)

J.A. FitzPatrick/Nine Mile Point Radiological Emergency Response Plan and Procedures

Figure 2.4 (continued)

2016 PERMANENT RESIDENT POPULATION ESTIMATES

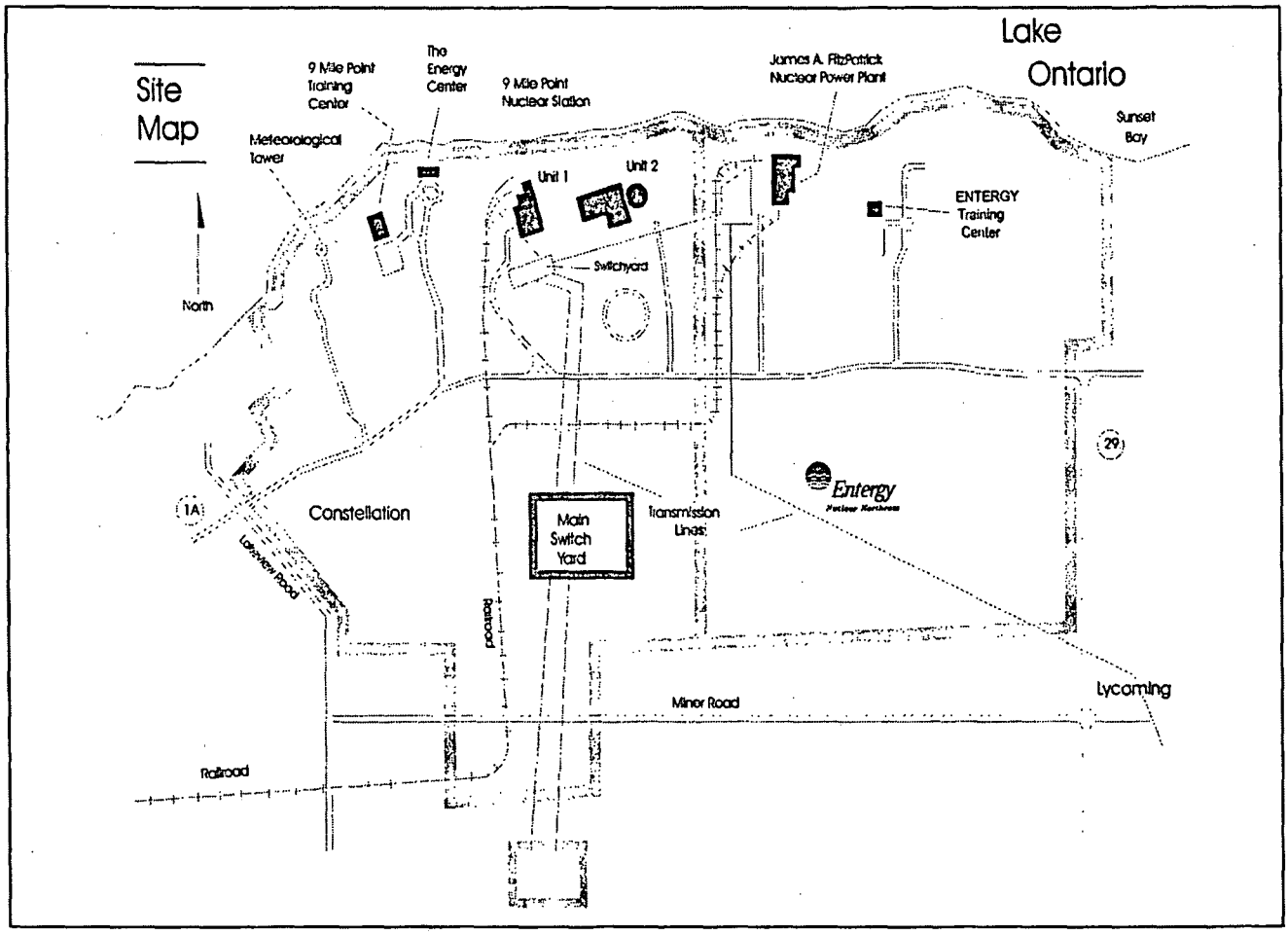
EMERGENCY RESPONSE PLANNING AREAS

EMERGENCY RESPONSE PLANNING AREA	2016 PERMANENT RESIDENT POPULATION ESTIMATES
1	169
2	460
3	334
4	687
5	780
6	887
7	699
8	718
9	597
10	995
11	1,858
12	7,764
13	9,977
14	193
15	1,101
16	1,571
17	583
18	1,010
19	1,281
20	1,736
21	1,731
22	5,918
TOTAL	41,049

Source: 2010 census data.

Figure 2.5

Combined NMPNS / JAFNPP Site Map



Procedure/Document Number: Plan Section 2	Revision: 28
Equipment/Facility/Other: JAF	
Title: SCOPE AND APPLICABILITY	

Part I. Description of Activity Being Reviewed (event or action, or series of actions that may result in a change to the emergency plan or affect the implementation of the emergency plan):

1. Adjusted cover sheet to remove signatures and OSRC information to be consistent with AP-02.01 format changes.
2. Section 2.3 - Updated paragraph to show new years and population totals. "The total 2014 population of the plume exposure pathway EPZ is 41,443. (This data is from 2010 census data as updated in 2014 and is discussed in Appendix K of the Emergency Plan.) The population density of the immediate area surrounding the site is quite low, with the exception of the city of Oswego whose population in 2014 was 18,185 and the Village of Mexico, located approximately nine miles from the site, which contains about 1,598 residents. According to the 2011 Residence Census performed for the Radiological Environmental Monitoring Program, the nearest permanent resident is on Lake Road, about 0.7 miles east-southeast of the plant. The population distribution within 10 miles of the site is presented in Figure 2.4" was changed to "The total 2016 population of the plume exposure pathway EPZ is 41,049. (This data is from 2010 census data as updated in 2016 and is discussed in Appendix K of the Emergency Plan.) The population density of the immediate area surrounding the site is quite low, with the exception of the city of Oswego whose population in 2015 was 17,787 and the Village of Mexico, located approximately nine miles from the site, which contains about 1,574 residents. According to the 2011 Residence Census performed for the Radiological Environmental Monitoring Program, the nearest permanent resident is on Lake Road, about 0.7 miles east-southeast of the plant. The population distribution within 10 miles of the site is presented in Figure 2.4"
3. Figure 2.4 Page 2-8 - Updated to 2016 population numbers.
4. Figure 2.4 Page 2-9 - Updated to 2016 population numbers.

Part II. Activity Previously Reviewed? Is this activity fully bounded by an NRC approved 10 CFR 50.90 submittal or Alert and Notification System Design Report? If YES, identify bounding source document number/approval reference and ensure the basis for concluding the source document fully bounds the proposed change is documented below:	☐ YES 50.54(q)(3) Evaluation is NOT required. Enter justification below and complete Part VI.	☒ NO Continue to next part

Justification:

☐ Bounding document attached (optional)

Part III. Applicability of Other Regulatory Change Control Processes

Check if any other regulatory change processes control the proposed activity.(Refer to EN-LI-100)

NOTE: For example, when a design change is the proposed activity, consequential actions may include changes to other documents which have a different change control process and are **NOT** to be included in this 50.54(q)(3) Screening.

APPLICABILITY CONCLUSION

☒ If there are no controlling change processes, continue the 50.54(q)(3) Screening.
☐ One or more controlling change processes are selected, however, some portion of the activity involves the emergency plan or affects the implementation of the emergency plan; continue the 50.54(q)(3) Screening for that portion of the activity. Identify the applicable controlling change processes below.
☐ One or more controlling change processes are selected and fully bounds all aspects of the activity. 50.54(q)(3) Evaluation is NOT required. Identify controlling change processes below and complete Part VI.

CONTROLLING CHANGE PROCESSES

10CFR50.54(q)

Procedure/Document Number: Plan Section 2	Revision: 28
Equipment/Facility/Other: JAF	
Title: SCOPE AND APPLICABILITY	

Part IV. Editorial Change	☐ YES	☒ NO
Is this activity an editorial or typographical change such as formatting, paragraph numbering, spelling, or punctuation that does not change intent? **Justification:** Change #1 from Part I - Adjusted cover sheet to remove signatures and OSRC information to be consistent with AP-02.01 format changes. The proposed change is editorial in nature in accordance with EN-AD-101. It does not change the intent or purpose of the procedure. No further evaluation is required.	50.54(q)(3) Evaluation is NOT required. Enter justification and complete Part VI.	Continue to next part

Part V. Emergency Planning Element/Function Screen (Associated 10 CFR 50.47(b) planning standard function identified in brackets) Does this activity affect any of the following, including program elements from NUREG-0654/FEMA REP-1 Section II?

1. Responsibility for emergency response is assigned. [1]	☐
2. The response organization has the staff to respond and to augment staff on a continuing basis (24/7 staffing) in accordance with the emergency plan. [1]	☐
3. The process ensures that on shift emergency response responsibilities are staffed and assigned. [2]	☐
4. The process for timely augmentation of onshift staff is established and maintained. [2]	☐
5. Arrangements for requesting and using off site assistance have been made. [3]	☐
6. State and local staff can be accommodated at the EOF in accordance with the emergency plan. [3]	☐
7. A standard scheme of emergency classification and action levels is in use. [4]	☐
8. Procedures for notification of State and local governmental agencies are capable of alerting them of the declared emergency within 15 minutes after declaration of an emergency and providing follow-up notifications. [5]	☐
9. Administrative and physical means have been established for alerting and providing prompt instructions to the public within the plume exposure pathway. [5]	☐
10. The public ANS meets the design requirements of FEMA-REP-10, Guide for Evaluation of Alert and Notification Systems for Nuclear Power Plants, or complies with the licensee's FEMA-approved ANS design report and supporting FEMA approval letter. [5]	☐
11. Systems are established for prompt communication among principal emergency response organizations. [6]	☐
12. Systems are established for prompt communication to emergency response personnel. [6]	☐
13. Emergency preparedness information is made available to the public on a periodic basis within the plume exposure pathway emergency planning zone (EPZ). [7]	☐
14. Coordinated dissemination of public information during emergencies is established. [7]	☐
15. Adequate facilities are maintained to support emergency response. [8]	☐
16. Adequate equipment is maintained to support emergency response. [8]	☐
17. Methods, systems, and equipment for assessment of radioactive releases are in use. [9]	☐
18. A range of public PARs is available for implementation during emergencies. [10]	☐

Procedure/Document Number: Plan Section 2	Revision: 28
Equipment/Facility/Other: JAF	
Title: SCOPE AND APPLICABILITY	

19. Evacuation time estimates for the population located in the plume exposure pathway EPZ are available to support the formulation of PARs and have been provided to State and local governmental authorities. [10]	☐
20. A range of protective actions is available for plant emergency workers during emergencies, including those for hostile action events.[10]	☐
21. Plans for recovery and reentry are developed. [13]	☐
22. A drill and exercise program (including radiological, medical, health physics and other program areas) is established. [14]	☐
23. Drills, exercises, and training evolutions that provide performance opportunities to develop, maintain, and demonstrate key skills are assessed via a formal critique process in order to identify weaknesses. [14]	☐
24. Identified weaknesses are corrected. [14]	☐
25. Training is provided to emergency responders. [15]	☐
26. Responsibility for emergency plan development and review is established. [16]	☐
27. Planners responsible for emergency plan development and maintenance are properly trained. [16]	☐

APPLICABILITY CONCLUSION

☒ If no Part V criteria are checked, a 50.54(q)(3) Evaluation is NOT required; document the basis for conclusion below and complete Part VI.

☐ If any Part V criteria are checked, complete Part VI and perform a 50.54(q)(3) Evaluation.

BASIS FOR CONCLUSION

Items 2 -4
There is no applicable Emergency Planning Element/Function Screen Item. The change does not add, delete or modify a process, meaning or intent of a description, or change facilities or equipment. No further evaluation is required

Part VI. Signatures:

Preparer Name (Print) Mellonie Christman	Preparer Signature MC Christman	Date: 1-05-2017
(Optional) Reviewer Name (Print) N/A	Reviewer Signature	Date:
Reviewer Name (Print) Aaron Magee Nuclear EP Project Manager	Reviewer Signature	Date: 1/10/17
Approver Name (Print) James D. Jones EP manager or designee	Approver Signature	Date: 1-10-2017

I. OVERVIEW

PAD Rev. #: 0

Facility: JAF

Proposed Activity / Document: Plan Section 2, SCOPE AND APPLICABILITY **Change/Rev. #:** 28

Description of Proposed Activity

28 FULL REVISION

1. Adjusted cover sheet to remove signatures and OSRC information.
2. Section 2.3 - Updated numbers and descriptive information.
3. Figure 2.4 Page 2-8 - Updated to 2016 population numbers.
4. Figure 2.4 Page 2-9 - Updated to 2016 population numbers.

II. DOCUMENT REVIEW METHOD

Provide the requested information for each item below.

1. **For documents available electronically:**

   a. **List search engine or documents searched, and keywords used:**
   The UFSAR, TS, TS Bases and TRM were searched using Merlin Reference Library. Keywords used were:
   - **Population + 2016** (FSAR - no hits, TS – no hits, TS BASES – no hits, TRM – no hits)
   - **Census** (FSAR – 19 hits none relevant, TS – no hits, TS BASES – no hits, TRM – 16 hits none relevant)
   - **ERPA** (FSAR – no hits, TS - no hits, TS BASES – no hits, TRM – no hits)

   b. **List relevant sections of controlled electronic documents reviewed:**
   Reviewed sections 1, 4, 5, 6, 7, 8 and Appendix A of the Emergency Plan. No additional relevant statements were identified in the electronic documents reviewed.

2. **Documents reviewed manually (hardcopy):**
   No documents were reviewed manually using a hard copy.

3. **For those documents that are not reviewed either electronically or manually, use the specific questions provided in Sections III and IV of Attachment 9.2 of EN-LI-100 as needed. Document below the extent to which the Attachment 9.2 questions were used.**

   Not applicable

III. PROCESS REVIEW

Does the proposed activity affect, invalidate, or render incorrect, OR have the potential to affect, invalidate, or render incorrect, information contained in any of the following processes? Associated regulations and procedures are identified with each process below.

EDITORIAL CORRECTION FORM

Proc No: EAP-1.1 Rev No: 73		DRN No: 17-00085
Title: OFFSITE NOTIFICATIONS		

GUIDELINES FOR ALLOWABLE CORRECTIONS

Editorial Corrections are those needed to correct typographical errors or add clarification to procedures without changing the technical content or intent of the procedure. Editorial corrections can be made for:

- Correcting errors such as:

- ☐ Misspelled Words
- ☒ Phone numbers
- ☐ Revision or page numbers
- ☐ Number or title of a step, figure, attachment, or table
- ☐ Equipment numbers or titles
- ☐ Updating PEDB designation or label information
- ☐ Updating procedure references or updating position titles without modifying responsibilities
- ☐ Adding, deleting, or revising items in the procedure References section
- ☐ Other Explain_____

- ☐ Support or referenced procedure "links", such as titles, steps, terminology
- ☐ Typographical errors in setpoint numbers or ranges where the correction is justified using calculations or other sections or steps in the same procedure, such as one of four identical instruments has a different setpoint
- ☐ Adding commitments and associated step annotations that do not add to, delete from, or alter existing text
- ☐ Adding, deleting, or revising Cautions, Notes, or Warnings

Indicate by placing a checkmark by the reason(s) for this editorial correction. If none can be checked, process a limited or full revision per section 8.4, or a Temporary Change per Section 8.15

DESCRIPTION OF AND REASON FOR CHANGE(S):

Add area code 315 to various locations throughout the procedure. Added to Attachment 12, Section 4.3.7, Attachment 5 Section 3, Attachment 9 (Page 1 - Section 1), Attachment 9 (Page 2 -Section 1) and Attachment 1 Section 1.

REASON: AREA CODE OVERLAY DUE TO BE IN EFFECT ON 2-11-2017.

Initiated By (Print/Sign):M. CHRISTMAN M Christman Date: 2/08/2017

APPROVAL

RPO Approval (Print/Sign): P. Cullen Date: 2/8/17

- This is a Quality Record -

E. **IF** a release greater than the ODCM has occurred, **THEN** perform the following:

1. Instruct the Radiological Assessment Coordinator to complete a Part 2 form (Attachment 2). Updates are required approximately every 30 minutes unless an agreement is reached with New York State and Oswego County that 30-minute updates are not necessary.

   a. Continue to update Part 2 form at approximately 30 minute intervals, even if releases go below ODCM until release rates are at pre-event levels or agreement is reached with the state and county to stop updating Part 2 forms.

2. Instruct the Radiological Assessment Coordinator to provide Oswego County and New York State with the actual URI input forms and results via fax as soon as they have been verified.

3. **IF** requested by the NRC, **THEN** instruct the Radiological Assessment Coordinator to designate an individual to transmit information via the Health Physics Network (HPN) phone.

F. Instruct the Technical Advisor to complete a Part 3 form (Attachment 3 **or** 14 if EPIC is not available). Updates are required approximately every 30 minutes unless an agreement is reached with New York State and Oswego County that 30-minute updates are not necessary.

1. Part 3 form, Attachment 14 should be used in situations where EPIC is not available to provide the information.

CAUTION

Verify that the Emergency Director has approved all Part 1, 2 and 3 Notification forms prior to transmittal.

G. Ensure the EOF Log keeper faxes completed Part 1, 2 and 3 Notification forms to New York State and Oswego County plus the JIC and the WPO Corporate Support Center (when staffed), as required.

H. **IF** WebEOC is available **AND** an ALERT or higher has been declared, **THEN** ensure the EOF Communicator or Offsite Communicator is updating WebEOC with RECS Part 1 Notification form information, **AND** the EOF LogKeeper is updating WebEOC with the county implemented protective actions for the public.

1. **IF** the County's Nuclear Facility Liaison Officer is present in the EOF, **THEN** request that individual to provide information to you regarding any county implemented Protective Actions as soon as practical following the county's decision to implement a protective action.
2. **IF** the County's representative is not present in the EOF, **THEN** contact the Oswego County Emergency Operations Center at 591-9150, or through the Entergy representative at the County Emergency Operations Center, **AND** request that the county provide information to you regarding any county implemented protective actions as soon as practical following the county's decision to implement a protective action.

NOTE: See Attachment 10 for Management Expectations Associated With Offsite Notifications.

I. IF it is determined that monitoring of the ENS phone is necessary, **THEN** ensure the ENS Communicator in the TSC establishes a JAF/EOF ENS phone link Attachment 6 (NRC Event Notification Worksheet) may be used to record data. (**IF** the NRC cannot be contacted via the ENS phone, **THEN** establish a conference call using the alternate commercial phone number listed in Attachment 5.

J. Ensure EOF status boards are updated to reflect the most current information. Displayed information should be consistent with other Emergency Response Facilities. The communicators on the 4-way hotline should assure this. (The 4-way hotline communicators should be Licensed SROs, if possible.)

4.3.5 Announcements over the EOF public address system should be made reflecting plant status. To access the EOF paging system, dial "5899" using any EOF phone.

4.3.6 The Lead Offsite Liaison shall explain and discuss Part 1, 2 and 3 Notification forms with the New York State and Oswego County representatives in the EOF. This information should be available from the EOF. (The Lead Offsite Liaison will provide this information through all phases of an emergency.)

4.3.7 No information shall be provided to outside individuals or organizations except as designated by this procedure. Any such callers should be referred to the Joint Information Center at 315-592-3700, as appropriate.

NEW YORK STATE
UPSTATE RADIOLOGICAL EMERGENCY DATA FORM
PART 1 Notification # _____

"This is to report an incident at the James A. FitzPatrick Power Plant. Standby for confirmation." (Conduct roll call to include the following stations:) ☐ New York State ☐ Oswego County ☐ Nine Mile Point Unit #1 ☐ Nine Mile Point Unit #2

FROM: (CR, EOF, OTHER) **ED Approval:** _____

GENERAL INFORMATION (Note: O When checked indicates change in status, NOT for place keeping)

✓1. Message transmitted on: (*Date*) _____ at (*Time*) _____ 24 Hour Clock Via: A. RECS B. Other

- ☐ NY State : 518-292-2200 or 2201
- ☐ Oswego Co.: 315-591-9150 or 911
- ☐ NMP # 1: 315-349-5201 or Control Room Hotline
- ☐ NMP # 2: 315-349-5202 or Control Room Hotline

O2. This is : A. An Actual Emergency B. An Exercise

O3. The Emergency Classification is:
A. UNUSUAL EVENT C. SITE AREA EMERGENCY E. EMERGENCY TERMINATED
B. ALERT D. GENERAL EMERGENCY F. Other_____

O4. This Emergency Classification declared on: _____ at _____
(date) (time-24 hr clock)

O5. Release of Radioactive Materials due to the classified event:
A. No Release
B. Release **BELOW** federal limits Technical Specification
□ To Atmosphere □ To Water
C. Release **ABOVE** federal limits Technical Specification
□ To Atmosphere □ To Water
D. Unmonitored release requiring evaluation

O6. The following Protective Actions are recommended to be implemented as soon as practicable:

A. **NO NEED for PROTECTIVE ACTIONS** outside the site boundary

B. **EVACUATE** and **IMPLEMENT the KI PLAN** for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

NOTE: OFFSITE AUTHORITIES SHOULD CONSIDER SHELTER-IN-PLACE + TAKE KI IF EVACUATION IS NOT FEASIBLE

C. **SHELTER-IN-PLACE** and **IMPLEMENT the KI PLAN** for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

O7. **EAL #** _____

Brief Event Description & Other Significant Information _____

O8. Reactor Status: A. Operational B. Shutdown _____ at _____
(date) (time 24 hr clock)

O9. Wind Speed: A._____ Miles/Hour at elevation _____ Feet (Elevated)
B._____ Miles/Hour at elevation _____ Feet (Ground)

O10. Wind Direction: A. (From) _____ Degrees at elevation _____ Feet (Elevated)
B. (From) _____ Degrees at elevation _____ Feet (Ground)

O11. Stability Class Elevated: Unstable - A B C Neutral - D Stable - E F G

O12. Reported By - Communicator's name: _____ Telephone # (315) _____

"(*Name of Agency*), Do you have any questions?"
☐ New York State ☐ Oswego County ☐ Nine Mile Point Unit #1 ☐ Nine Mile Point Unit #2
"James A. FitzPatrick Nuclear Power Plant out at (*date, time*)"

JAFNPP ■ Outgoing from FitzPatrick
Sequence Number_____ **Emergency Director Approval:** _____

New York State **PART 2** Form **RADIOLOGICAL FACT SHEET**

Radiological Assessment Data (*Use 24 hour clock for times*)

15. **Message transmitted at (Date)** _____ **(Time)** _____
Facility Transmitted From: **FitzPatrick** at location _____.

16. **General Release Information:**
A. Release > Tech Specs started: **Date** _____ **Time** _____
B. Release > Tech Specs expected to end: **Date** _____ **Time** _____ or **unknown Intermittent**
C. Release > Tech Specs ended: **Date** _____ **Time** _____
D. Reactor Shutdown: **N/A** or **Date** _____ **Time** _____
E. Wind Speed Elevated: _____ **Miles/Hour** **Wind Speed Ground:** _____ **Miles/Hour**
F. Wind Direction Elevated (From): _____**Degrees** **Wind Direction Ground (From):** _____ **Degrees**
G. Stability Class (Pasquil): elevated A B C D E F G ground A B C D E F G

17. **Atmospheric Release Information**
A. Release from: ☐ **Ground** ☐ **Elevated** **D.** Noble Gas Release Rate _____ **Ci/sec**
B. Iodine/Noble Gas Ratio _____ **E.** Iodine Release Rate _____ **Ci/sec**
C. Total Release Rate _____ **Ci/sec** **F.** Particulate Release Rate _____ **Ci/sec**

18. **Waterborne Release Information**
A. Volume of Release _____ **gallons** or liters **C.** Radionuclides in Release _____(*or attach*)
B. Total Concentration _____ **µCi/ml** **D.** Total Activity Released _____

19. Dose Calculations (**based on an assumed release duration of** _____ **hours**)
Calculation based on (*circle one*)
A. Inplant Measurements **B. Field Measurements** **C. Assumed Source Term**

Table below applies to (*circle one*) **A. Atmospheric Release** **B. Waterborne Release**

DISTANCE	*DOSE*	
	TEDE (rem)	**CDE - Child Thyroid (rem)**
Site Boundary		
2 Miles		
5 Miles		
10 Miles		
_____ **Miles**		

20. Field Measurements at Dose Rates or Surface Contamination/Deposition

Mile/Sector OR Mile/Degrees	Location OR Sampling Point	Time at Reading	Dose Rate OR Contamination (include Units)

RECS/NRC BACKUP COMMUNICATIONS CHECKLIST

1) _____ / _____
(Name of Person Contacted)/(Notification Time)

New York State

(Office of Emergency Management)
518/292-2200 or 2201

2) _____ / _____
(Name of Person Contacted)/ (Notification Time)

Oswego County

(Oswego County Emergency Management Office)
Normal Duty Hours
(0830 - 1630) Mon - Fri
315/591-9189 (RECS backup phone)
or 315/591-9150
or
(Oswego County E-911)
Non-Duty Hours
911

3) _____ / _____
(Name of Person Contacted)/(Notification Time)

NOTE: Manned 24 hours a day.

Nine Mile Point Nuclear Power Station, Control Room

NMPNPS Unit #1 CR
315-349-5201

_____ / _____
(Name of Person Contacted)/(Notification Time)

NOTE: Manned 24 hours a day.

NMPNPS Unit #2 CR
315-349-5202

4) _____ / _____
(Name of Person Contacted)/(Notification Time)

NOTE: Manned 24 hours a day.

NRC Operations Center
primary: 301-816-5100
backup: 301-951-0550
backup: 301-415-0550
backup: 301-415-0553

Time _____

Communicator
Signature _____

Date _____

PAGE 1 OF 2

NRC FORM 361 (12-2000) — U.S. NUCLEAR REGULATORY COMMISSION — OPERATIONS CENTER

REACTOR PLANT EVENT NOTIFICATION WORKSHEET

EN #

(Get this from NRC)

NRC OPERATION TELEPHONE NUMBER: PRIMARY - 301-816-5100 or 800-532-3469 BACKUPS - (1st) 301-951-0550 or 800-449-3694; (2nd) 301-415-0550 and (3rd) 301-415-0553. *Licensees who maintain their own ETS are provided these telephone numbers.

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	NAME OF CALLER	CALL BACK #

EVENT TIME & ZONE	EVENT DATE	POWER/MODE BEFORE	POWER/MODE AFTER
EASTERN			

EVENT CLASSIFICATIONS

- GENERAL EMERGENCY — GEN/AAEC
- SITE AREA EMERGENCY — SIT/AAEC
- ALERT — ALE/AABC
- UNUSUAL EVENT — UNU/AAEC
- 50.72 NON-EMERGENCY (see next columns)
- PHYSICAL SECURITY (73.71) — DDDD
- MATERIAL/EXPOSURE — 8777
- FITNESS FOR DUTY — HFIT
- OTHER UNSPECIFIED REQMT. (see last column)
- INFORMATION ONLY — NNNN

1-Hr. Non-Emergency 10 CFR 50.72(b)(1)

- TS Deviation — ADEV

4-Hr. Non-Emergency 10 CFR 50.72(b)(2)

- (i) TS Required S/D — ASHU
- (iv)(A) ECCS Discharge to RCS — AOCS
- (iv)(B) RPS Actuation (scram) — ARPS
- (xi) Offsite Notification — ARRE

8-Hr. Non-Emergency 10 CFR 50.72(b)(3)

- (ii)(A) Degraded Condition — AOEG
- (ii)(B) Unanalyzed Condition — AUNA
- (iv)(A) Specified System Actuation — AESF
- (v)(A) Safe S/D Capability — AINA
- (v)(B) RHR Capability — AINB
- (v)(C) Control of Rad Release — AINC
- (v)(D) Accident Mitigation — AIND
- (xii) Offsite Medical — AMED
- (xiii) Loss Comm/Assmt/Resp — ACOM

60-Day Optional 10 CFR 50.73(a)(1)

- Invalid Specified System Actuation — AINV

Other Unspecified Requirement (Identify)

- NONR
- NONR

DESCRIPTION

Include: Systems affected; actuations and their initiating signals; causes; effect of event on plant; actions taken or planned; etc. (Continued on back)

NOTIFICATIONS	YES	NO	WILL BE
NRC RESIDENT			
STATE(s)			
LOCAL			
OTHER GOV AGENCIES			
MEDIA/PRESS RELEASE			

ANYTHING UNUSUAL OR NOT UNDERSTOOD? ☐ YES (Explain above) ☐ NO

DID ALL SYSTEMS FUNCTION AS REQUIRED? ☐ YES ☐ NO (Explain above)

MODE OF OPERATION UNTIL CORRECTED | ESTIMATED RESTART DATE | ADDITIONAL INFO ON BACK ☐ YES ☐ NO

NRC FORM 361 (12-2000) PRINTED ON RECYCLED PAPER

Call Verizon at (866) 846-0118 and give the following information.

Verizon trouble call response call back numbers: (315)349-6665 and 1-518-292-2200

1. Location of RECS phone (such as NYS Albany)

   Applicable circuit numbers:

   - Syracuse/Oswego phones 36LCGS606351
   - Albany phones 34LCGS606365
   - Syracuse to Albany circuit DWEC041851

2. Trouble description (such as NY State has lost ability to transmit on RECS)

3. Your name and telephone contact number

AOP-43 CONTROL ROOM EVACUATION

NEW YORK STATE
UPSTATE RADIOLOGICAL EMERGENCY DATA FORM
PART 1 Notification # _____

"This is to report an incident at the James A. FitzPatrick Power Plant. Standby for confirmation." (Conduct roll call to include the following stations:) ☐ New York State ☐ Oswego County ☐ Nine Mile Point Unit #1 ☐ Nine Mile Point Unit #2

FROM: (CR, EOF, OTHER) ED Approval: _____

GENERAL INFORMATION (Note: O When checked indicates change in status, NOT for place keeping)

✓1. Message transmitted on: (*Date*) _____ at (*Time*) _____ 24 Hour Clock Via: A. RECS B. Other

- ☐ NY State : 518-292-2200 or 2201
- ☐ Oswego Co.: 315-591-9150 or 911
- ☐ NMP # 1: 315-349-5201 or Control Room Hotline
- ☐ NMP # 2: 315-349-5202 or Control Room Hotline

O2. This is : **A. An Actual Emergency** B. An Exercise

O3. The Emergency Classification is:
A. UNUSUAL EVENT
B. ALERT
C. SITE AREA EMERGENCY
D. GENERAL EMERGENCY
E. EMERGENCY TERMINATED
F. Other_____

O4. This Emergency Classification declared on: _____ at _____
(date) (time-24 hr clock)

O5. Release of Radioactive Materials due to the classified event:
A. **No Release**
B. Release **BELOW** federal limits Technical Specification
□ To Atmosphere □ To Water
C. Release **ABOVE** federal limits Technical Specification
□ To Atmosphere □ To Water
D. Unmonitored release requiring evaluation

O6. The following Protective Actions are recommended to be implemented as soon as practicable:
A. NO NEED for PROTECTIVE ACTIONS outside the site boundary
B. EVACUATE and IMPLEMENT the KI PLAN for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

NOTE: OFFSITE AUTHORITIES SHOULD CONSIDER SHELTER-IN-PLACE + TAKE KI IF EVACUATION IS NOT FEASIBLE

C. SHELTER-IN-PLACE and IMPLEMENT the KI PLAN for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

O7. **EAL # HA5.1**

Brief Event Description & Other Significant Information: Control Room evacuation per AOP-43, "Shutdown from outside the Control Room."

O8. Reactor Status: A. **Operational** B. Shutdown _____ at _____
(date) (time 24 hr clock)

O9. Wind Speed: A._____ Miles/Hour at elevation _____ Feet (Elevated)
B._____ Miles/Hour at elevation _____ Feet (Ground)

O10. Wind Direction: A. (From) _____ Degrees at elevation _____ Feet (Elevated)
B. (From) _____ Degrees at elevation _____ Feet (Ground)

O11. Stability Class Elevated: Unstable - A B C Neutral - D Stable - E F G

O12. Reported By - Communicator's name: _____ Telephone # (315) _____

"(*Name of Agency*), Do you have any questions?"
☐ New York State ☐ Oswego County ☐ Nine Mile Point Unit #1 ☐ Nine Mile Point Unit #2
"James A. FitzPatrick Nuclear Power Plant out at (*date, time*)"

AOP-28 PLANT FIRE

NEW YORK STATE
UPSTATE RADIOLOGICAL EMERGENCY DATA FORM
PART 1 Notification # _____

"This is to report an incident at the James A. FitzPatrick Power Plant. Standby for confirmation." (Conduct roll call to include the following stations:) ☐ **New York State** ☐ **Oswego County** ☐ **Nine Mile Point Unit #1** ☐ **Nine Mile Point Unit #2**

FROM: (CR, EOF, OTHER) ED Approval: _____

GENERAL INFORMATION (Note: O When checked indicates change in status, NOT for place keeping)

✓1. Message transmitted on: (*Date*) _____ at (*Time*) _____ **24 Hour Clock** Via: **A. RECS** **B. Other**

☐ **NY State** : 518-292-2200 or 2201
☐ **Oswego Co.**: 315-591-9150 or 911
☐ **NMP # 1**: 315-349-5201 or Control Room Hotline
☐ **NMP # 2**: 315-349-5202 or Control Room Hotline

O2. This is : **A. An Actual Emergency** B. An Exercise

O3. The Emergency Classification is:
A. UNUSUAL EVENT
B. ALERT
C. SITE AREA EMERGENCY
D. GENERAL EMERGENCY
E. EMERGENCY TERMINATED
F. Other_____

O4. This Emergency Classification declared on: _____ (date) at _____ (time-24 hr clock)

O5. Release of Radioactive Materials due to the classified event:
A. No Release
B. Release **BELOW** federal limits Technical Specification
□ To Atmosphere □ To Water
C. Release **ABOVE** federal limits Technical Specification
□ To Atmosphere □ To Water
D. Unmonitored release requiring evaluation

O6. The following Protective Actions are recommended to be implemented as soon as practicable:
A. NO NEED for PROTECTIVE ACTIONS outside the site boundary
B. EVACUATE and **IMPLEMENT the KI PLAN** for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
NOTE: OFFSITE AUTHORITIES SHOULD CONSIDER SHELTER-IN-PLACE + TAKE KI IF EVACUATION IS NOT FEASIBLE
C. SHELTER-IN-PLACE and **IMPLEMENT the KI PLAN** for the following ERPAs and
All remaining ERPAs **MONITOR the EMERGENCY ALERT SYSTEM**
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

O7. **EAL #** **HA2.1**

Brief Event Description & Other Significant Information: Fire or explosion resulting in visible damage to **any** Table H-1 area containing safety systems or components **OR** Control Room indication of degraded performance of those safe shutdown systems.

O8. Reactor Status: A. **Operational** B. Shutdown _____ (date) at _____ (time 24 hr clock)

O9. Wind Speed: A._____ Miles/Hour at elevation _____ Feet (Elevated)
B._____ Miles/Hour at elevation _____ Feet (Ground)

O10. Wind Direction: A. (From) _____ Degrees at elevation _____ Feet (Elevated)
B. (From) _____ Degrees at elevation _____ Feet (Ground)

O11. Stability Class Elevated: Unstable - A B C Neutral - D Stable - E F G

O12. Reported By - Communicator's name: _____ Telephone # (315) _____

"*(Name of Agency)*, Do you have any questions?"
☐ **New York State** ☐ **Oswego County** ☐ **Nine Mile Point Unit #1** ☐ **Nine Mile Point Unit #2**
"James A. FitzPatrick Nuclear Power Plant out at (*date, time*)"

PAGE 1 OF 2

NRC FORM 361 (12-2000)

U.S. NUCLEAR REGULATORY COMMISSION
OPERATIONS CENTER

REACTOR PLANT EVENT NOTIFICATION WORKSHEET

EN # [redacted] (Get this from NRC)

NRC OPERATION TELEPHONE NUMBER: PRIMARY – 301-816-5100 or 800-532-3469*, BACKUPS – [1st] 301-951-0550 or 800-449-3694*, [2nd] 301-415-0550 and [3rd] 301-415-0553
*Licensees who maintain their own ETS are provided these telephone numbers.

NOTIFICATION TIME	FACILITY OR ORGANIZATION	UNIT	NAME OF CALLER	CALL BACK #
[redacted]	James A. FitzPatrick	1	[redacted]	[redacted]

EVENT TIME & ZONE	EVENT DATE	POWER/MODE BEFORE	POWER/MODE AFTER
[redacted] Eastern	[redacted]	[SM] [redacted]	[SM]

	EVENT CLASSIFICATIONS			1-Hr. Non-Emergency 10 CFR 50.72(b)(1)				(v)(A)	Safe S/D Capability	AINA
	GENERAL EMERGENCY	GEN/AAEC		TS Deviation		ADEV		(v)(B)	RHR Capability	AINB
	SITE AREA EMERGENCY	SIT/AAEC		4-Hr. Non-Emergency 10 CFR 50.72(b)(2)				(v)(C)	Control of Rad Release	AINC
X	ALERT	ALE/AAEC		(i)	TS Required S/D	ASHU		(v)(D)	Accident Mitigation	AIND
	UNUSUAL EVENT	UNU/AAEC		(iv)(A)	ECCS Discharge to RCS	ACCS		(xii)	Offsite Medical	AMED
	50.72 NON-EMERGENCY	(see next columns)		(iv)(B)	RPS Actuation (scram)	ARPS		(xiii)	Loss Comm/Asmt/Resp	ACOM
	PHYSICAL SECURITY (73.71)	DDDD		(xi)	Offsite Notification	APRE		60-Day Optional 10 CFR 50.73(a)(1)		
	MATERIAL/EXPOSURE	B???		8-Hr. Non-Emergency 10 CFR 50.72(b)(3)					Invalid Specified System Actuation	AINV
	FITNESS FOR DUTY	HFIT		(ii)(A)	Degraded Condition	ADEG		Other Unspecified Requirement (Identify)		
	OTHER UNSPECIFIED REQMT.	(see last column)		(ii)(B)	Unanalyzed Condition	AUNA				NONR
	INFORMATION ONLY	NINF		(iv)(A)	Specified System Actuation	AESF				NONR

DESCRIPTION

Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. *(Continue on back)*

The control room is being evacuated. The reactor is being shut down from outside the control room per AOP-43.
ALERT declared per EAL-HA5.1

NOTIFICATIONS	YES	NO	WILL BE
NRC RESIDENT			X
STATE(s)	X		
LOCAL	X		
OTHER GOV AGENCIES		X	
MEDIA/PRESS RELEASE			X

ANYTHING UNUSUAL OR NOT UNDERSTOOD? ☐ YES (Explain above) ☐ NO [SM]

DID ALL SYSTEMS FUNCTION AS REQUIRED? ☐ YES ☐ NO (Explain above) [SM]

MODE OF OPERATION UNTIL CORRECTED: 4

ESTIMATED RESTART DATE: N/A

ADDITIONAL INFO ON BACK ☐ YES ☒ NO

NRC FORM 361 (12-2000) PRINTED ON RECYCLED PAPER

ATTACHMENT 12 CONTROL ROOM NOTIFICATION FLOWCHART FOR USE IN CONTROL ROOM EVACUATIONS PER AOP-43 or PLANT FIRE PER AOP-28

Start

Declare Emergency EVENT CLASSIFICATION **ALERT** per IAP-2
(EAL HA5.1 Control Room Evacuation, **OR**
EAL HA2.1 Plant Fire)

Activate **ALL** Facilities

CAUTION!
Consider directing personnel to the EOF if security or other event could jeopardize the safety of those coming to the site.

Activate all Emergency Facilities by contacting plant personnel per EAP-17

IF	THEN
control room evacuation exceeds 30 minutes	determine if EAL HS5.1 applies and reclassify
A hostile force has taken control of plant equipment such that plant personnel are unable to operate equipment required to maintain safety functions (i.e. reactivity control, RPV water level, or decay heat removal)	determine if EAL HG4.1 applies and reclassify
other direct observable EAL entry condition exists	reclassify using EALs

Complete OSWEGO COUNTY, NEW YORK STATE, NINE MILE POINT and NRC Notifications. Delegate Actions.

CAUTION!
Notification of OSWEGO COUNTY, and NEW YORK STATE MUST be completed within 15 minutes of event declaration, PAR change, or change of event classification.
Notification of the NRC MUST be complete as soon as possible & within 1 hour of event declaration or change of event classification. (10CFR50.72)

Prepare Form **EAP-1.1 Attachment 9 (OR 1) (Part 1 General Information)** using available information. Obtain meteorological data from, Plant Parameters from any network PC, Strip Chart Recorders, Nine Mile 315-349-2869 or 315-349-2168, National Weather Service 716-565-0014.

Using the prepared Form **EAP-1.1 Attach. 9 (OR 1)** notify Oswego Co., NY State, and Nine Mile Point Sites using the **RECS** Telephone in the TSC.

Read the form to the 3 parties using RECS or listed communication devices. The RECS (Radiological Emergency Communications System) phone is activated by picking up the handset and pressing **A** and then * on the keypad. All parties are activated simultaneously on the same line.

NOTE: Other agencies will NOT answer and say "Hello" you will have to start talking!!

After approximately 10 seconds read the Part 1 form. Press the button on the handset to talk.
If the RECS is not available then use one of the following:
1. Commercial Phones (conference call) (TABLE 2)
2. Cellular Phone (TABLE 2)
3. Radio in Security SAS/CAS or CR or TSC (Only contacts Oswego Co.)*
*Refer to Table 3, or EAP1.1 Attachment 10 for operating instructions.
4. Or TSC Satellite Phone (TABLE 2)
(For the satellite, enter number and press send button. When using satellite phone always dial the area code.)

IF Gaitronics page is available from anywhere in the plant, and you have been directed, **THEN** make the following announcement:

"Attention, Attention, An ALERT has been declared at JAF due to (state condition). Activate all faciltities ."

Prepare Form **EAP-1.1 Attach. 9 (OR 6) (NRC Event Notification Worksheet)** using available information.

You must contact the Shift Manager/Emergency Director to obtain several required pieces of information and to receive verbal approval to make the notification prior to calling the NRC.

Using the prepared Form **EAP-1.1 Attach. 9 (OR 6)** notify the NRC Operations Center using the **ENS** Telephone in TSC.
Dial any of the following numbers:
- **1-301-816-5100**
- **1-301-951-0550**

(The ENS (Emergency Notification System) phone is operated like a normal dial up phone and requires the number "1" to be dialed)

If the ENS is not available then use a Commercial Phone or Cellular Phone and dial any number listed above or ENS phone colored sticker.

The NRC may request that the ENS line be manned continuously after any notification. If this occurs request the Shift Manager/Emergency Director provide additional assistance to allow for the remaining steps to be completed.

CAUTION: Obtain SM/ED approval prior to transmitting updates to the County, State and NRC!!!

Update Form **EAP-1.1 Attach. 9 (OR 1)** and notify OSWEGO COUNTY, NEW YORK STATE, and NINE MILE POINT approximately every 30 minutes (or as agreed upon by those parties), or within 15 minutes of event classification change, PAR change, or event termination until EOF is activated.

Update Form **EAP-1.1 Attach. 9 (OR 6)** and notify the NRC Operations Center as soon as possible & within 1 hour of an event classification change or termination until the TSC is activated.

Turnover Notification duties to TSC (NRC) or EOF (State and County) when staffed or operational.
Prepare Form **EAP-1.1 Attachment 4 (Control Room Notification Checklist).** Transfer the checklist and copies of forms completed to EOF(FAX 1-315-593-5951) as well as verbal turnover.

Establish and maintain verbal communications with the TSC, OSC, and EOF using the 4 way Hot Line or by conference call.

RESPONSIBILITY MATRIX (Typical)
Color surrounding step indicates responsible individual

- Shift Manager/Emergency Director
- Control Room Communications Aide
- Operator

TABLE 2 AGENCY PHONE NUMBERS

	New York State	Oswego County	Nine Mile Point Sites
08:30 to 16:30 M - F	NY State Office of Emergency Management @518-292-2200 Alt 518-292-2201	Emergency Mgmt. Office @ 315-591-9189 OR 315-591-9150	Unit 1 @ 315-349-5201 Unit 2 @ 315-349-5202
Off Hours		E911 Center @ 911 OR 315-343-1313	

Conference call instructions: 1. Place first call 2. Press switch hook (or flash button) 3. Get dial tone 4. Place 2nd call 5. Press switch hook

TABLE 3 OPERATION OF RADIO

USE OF MOTOROLA RADIO (FOR CONTACTING OSWEGO COUNTY)

1. Locate Motorola VHF radio and verify power is on.
2. In the TSC ONLY: Verify VHF is selected by observing that the top green LED is lighted.
   IF NOT lighted, THEN select VHF by depressing the top green button.
3. Select 911 using up and down arrows as needed until "911" is displayed in window.
4. Rotate volume knob to approximately the halfway point (12 o'clock).
5. Lift the handset and depress handset button to transmit. Release button to receive.