

JAFP-22-0030  
May 13, 2022

United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

James A. FitzPatrick Nuclear Power Plant  
Renewed Facility Operating License Number DPR-059  
NRC Docket No. 50-333

Subject: Oswego County and New York State Participation in the James A. FitzPatrick Nuclear Power Plant Emergency Plan

- References:
1. JAF Teleconference with NRC, dated November 20, 2000, regarding interactions between FitzPatrick, Oswego County and New York State for purpose of maintaining effective coordination and implementation of offsite emergency plans in the periods between the required biennial exercises
  2. FitzPatrick letter, Oswego County and New York State Participation in James A. FitzPatrick's (JAF's) Emergency Plan, JAFP-00-0276, dated November 22, 2000

Dear Sir or Madam:

This letter transmits information requested by the NRC (Reference 1) concerning the James A. FitzPatrick Nuclear Power Plant (JAF) Emergency Plan interface activities with Oswego County and the State of New York.

In a letter to the NRC dated November 22, 2000 (Reference 2), JAF committed to submitting to the NRC on a two-year frequency (period between required biennial exercises) information related to emergency preparedness interface activities for the purposes of maintaining effective coordination and implementation of the offsite emergency plans.

The enclosed attachments provide updated information, details, and dates of emergency preparedness interface activities with offsite agencies for calendar years 2020 and 2021. Attachment 1 includes drill related activities conducted during the past 2 years. Attachment 2 contains non-drill-related activities over the same period of time. Information regarding shared facilities, equipment, and processes is provided in Attachment 3.

Should you have any questions concerning this report, please direct them to Mr. Gregory Firenze, Emergency Planning Manager at (315) 349-6507.

This letter contains no new regulatory commitments.

Very truly yours,



Richard M. Sullivan  
Regulatory Assurance Manager

RMS:GJF:mh

Attachments:

- 1) FitzPatrick Drill Related Activities
- 2) FitzPatrick Non-Drill Related Activities
- 3) Shared Facilities, Equipment and Processes

cc: NRC Region 1 Administrator  
NRC Resident Inspector  
NRC Project Manager

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**Attachment 1**

**FitzPatrick Drill Related Activities**

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**FitzPatrick Drill Related Activities**

| Activities  | Notes | 2020  | 2021  |
|---|-------|---|---|
| Full Scale JAF/Oswego Co Exercises  | 1     | None  | None  |
| Training Drills & NRC Exercises that included Oswego County Participation | 2     | 8/13, 11/4  | 3/9, 8/31, 11/3                                     |
| JAF Hospital / Medical Drills   | 3     | 10/6<br>University Hospital /<br>Menter Ambulance | 11/4<br>Oswego Hospital / Oswego<br>City Fire Dept. |
| Actual Events   |       | None  | None  |

**NOTES:**

1. The full-scale exercise involved Nine Mile Point, New York State, and Oswego County as participants. Oswego County typically participates in at least one full scale drill or exercise per year. The County rotates the licensee that it participates with on a 2-year cycle. When one licensee hosts an exercise, the other licensee is involved in the following activities:
  - Scenario preparation
  - Meetings with State, County and FEMA personnel to develop extent of play document
  - Conduct of training and/or drills at the Reception Center, Personnel Monitoring Center and the Oswego County Emergency Operations Center (EOC)
  - Observation of Out of Sequence Exercise events
  - Provide controllers and observers for the exercise
  - Provide non-affected station Dose Assessment Personnel to assist County when requested
  
2. These drills/exercises, at a minimum, include initial and follow-up notification to New York State and Oswego County, and typically involve Protective Action Recommendations (PARs), Classifications, Command and Control, Oswego County participation at the Emergency Operations Facility (EOF), dose projection and/or Joint Information Center (JIC). Additional involvement may include partial staffing by New York State at the EOF as well as State Watch Center, and State EOC based on availability of resources. Oswego County participation interaction objectives are typically included in drill scenario packages. Additional County interaction routinely occurs during JAF Tabletop (mini drills) drill training sessions, with frequent participation by the County in Dose Assessment, EOF and JIC.
  
3. There are two hospitals that support the JAF and NMP EPZ – Oswego Hospital and University Hospital. Hospital drills alternate annually to meet the FEMA evaluations criteria. In 2020, University Hospital was evaluated by FEMA with support provided by JAF. In 2021 Oswego Hospital was evaluated by FEMA with support of JAF and NMP. Oswego and University Hospitals receive contaminated patient training which is coordinated by the licensee.

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**Attachment 2**

**FitzPatrick Non-Drill Related Activities**

**(1 Page)**

**FitzPatrick Non-Drill Related Activities**

| Activities  | Notes | 2020   | 2021   |
|---|-------|--|--|
| EAL & Other Training                              | 1     | Annual Refresher<br>3/5 – State<br>10/1 - County | Annual Refresher<br>10/28 – State<br>9/20 - County |
| Full Activation Siren Test                        | 2     | Bi-annual  | Bi-Annual  |
| Dose Assessment Training                          | 1     | 10/20  | 8/5  |
| Meetings with State and Counties                  | 3     | 1/30, 3/3, 7/23, 10/28,                          | 1/14, 4/21, 7/15, 10/28                            |
| Communication System Tests                        | 4     | Monthly  | Monthly  |
| KI Preparations                                   | 5     | As required                                      | As required  |
| Siren Testing – Other than annual full activation | 6     | Monthly – growl<br>Week - silent                 | Monthly – growl<br>Week - silent                   |
| Setup assistance for County                       | 7     | NA (Pandemic)                                    | 10/20 – Reception Center                           |

NOTES:

1. Training in various topics including Emergency Action Levels (EAL), as indicated in the table, is conducted by the licensee, Oswego County, and New York State. These training efforts are shared by FitzPatrick and Nine Mile Point. Lead for EAL and associated training is typically alternated annually between the two licensees. In most instances, when staff from one licensee conducts the training, staff from the other licensee is present.
2. Full system siren tests are conducted bi-annually in June and December. Both licensees participate in coordination and normally both licensees are present in the County’s EOC or E-911 Center during the tests.
3. A coordination meeting is held semi-annually between the Oswego County (and many other New York State “nuclear” Counties) and the State Emergency Management Office. Both licensees typically attend. Topics such as industry lessons learned, drill lessons learned, and drill schedules are discussed.
4. Communications System tests of the primary and backup communication systems for notifying State and County authorities are performed monthly to assure their operability. Both licensees participate in or conduct the tests. These tests include establishing contact with State and County as well as their EOCs.
5. Coordination and planning for KI issuance and contingencies involved interactions between licensees, New York State and Oswego County officials. These included the pre-distribution of KI and the development of policies governing its use.
6. Both licensees monitor testing results as does the County. The monthly and weekly testing is performed by a third party for Exelon and the results provided to both licensees as well as County personnel. Additionally, the third party provides the maintenance personnel to support the testing, maintenance and monitoring of the system. In addition to the monthly and weekly testing, daily communications checks of the system are conducted as well, and the results reported to the stations and County.
7. JAF provided support to assist in the evaluation Onondaga County Reception Center.

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**Attachment 3**

**Shared Facilities, Equipment and Processes**  
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## Shared Facilities, Equipment and Processes

### Facilities:

Emergency Operations Facility: FitzPatrick & Nine Mile Point 1 and 2 share the same Emergency Operations Facility with NMP having taken responsibility for the facility on December 9, 2019. To that extent, New York State and Oswego County liaison response is the same regardless of which licensee is conducting a drill, exercise or event.

Joint Information Center: FitzPatrick & Nine Mile Point 1 and 2 share the same Joint Information Center with NMP having taken responsibility for the facility on December 9, 2019. To that extent, New York State and Oswego County public information officer response is identical regardless of which licensee is conducting the drill, exercise or event.

### Equipment:

Radiological Emergency Communications System (RECS): Both licensees utilize the identical communication system for initial and follow-up notification to New York State and Oswego County. This system is tested on a monthly basis.

Unified RASCAL Interface (URI): Versions of this system software are utilized by both licensees.

The meteorological monitoring system is maintained by NMP and utilized both licensees and is also the system that provides meteorological data for New York State and Oswego County EOCs.

Prompt Notification System: The siren system consisted of 40 sirens surrounding the nuclear plants (JAF/NMP), along with an actuation system common for the three plants. That system is maintained by the licensees and tested as periodically scheduled by Oswego County. In 2016 a replacement siren system was commissioned by NMP/JAF with FEMA approval resulting in the addition of 3 sirens (40 total) and the elimination of the Tone Alert radios.

### Processes:

Notification Process: Both licensees utilize the same notification form to transmit information to New York State and Oswego County regarding emergency classifications.

Emergency Action Level Scheme: The EAL scheme for both licensees is based on NEI-99-01 rev 6.

Protective Action Recommendations (PAR) Methodology: The 10 and 50-mile Emergency Planning Zones (EPZs) are identical for both licensees, as well as the Emergency Response Planning Areas (ERPAs). Criteria for protective action are based on the same EPA guidance for both licensees. Upon the declaration of a General Emergency, both licensees follow a standard method for making Protective Action Recommendations (PARs).

Dose Assessment Methodology: Dose assessment methods are the same for both licensees, New York State and Oswego County.