

Emergency Plan through its various action levels. Although this scenario accurately simulates operating events, it is not intended to assess all of the Operator's diagnostic capabilities, but rather provides sequences which ultimately demonstrate the Operator's ability to respond to events, and which results in exercising both onsite and offsite emergency plans and procedures. Free play is encouraged and the referees will interfere only if operator/player action prematurely terminates the exercise or excessively deviates from the drill schedule.

In order to provide a conservative exercise, in terms of offsite doses, adverse meteorology was developed since actual meteorology would probably lead to projected radiological doses below established Protective Action Guides (PAGs).

D. CONCEPT OF OPERATIONS AND CONTROL OF THE EXERCISE

The licensee and the State of New York will supply official controllers/evaluators for locations where an emergency response is being demonstrated for the exercise. Prior to the exercise, the controllers and evaluators will be provided with the appropriate locations, maps, time periods, guidelines (as appropriate training in the use of equipment and procedures), and an observer evaluation checklist for their exercise assignments.

The exercise initiating events will be controlled by the lead referee at the JAFNPP. Simulated initiating events will consist of two types of information: (1) information and data provided to Control Room personnel by the Control Room referee, (2) onsite and offsite dose rate data (simulated gamma and iodine dose rate measurements) provided to the site, County and Federal (if they participate) monitoring teams by controllers/referees.

The lead referee (onsite) and the State Exercise Director (offsite) will have the responsibility to control and coordinate the time sequence of initiating events to ensure an orderly flow of exercise events.

The state controllers or evaluators may supply "problems" for offsite participants (such as a disabled vehicle or a farmer who must return to his farm after the evacuation). All other actions during the exercise will occur through a free play response as the licensee, State and County participants respond to the initiating events.

As the initiating events are provided to the JAFNPP staff, they will determine the nature of the emergency and implement appropriate plant emergency response procedures. These procedures include a determination of the emergency classification in accordance with the JAFNPP Emergency Plan. After the emergency classification has been determined, the appropriate Federal, State and local authorities will be notified in accordance with the JAFNPP emergency response procedures.

Upon notification of the simulated accident at the JAFNPP, the State and Oswego County will complete their initial notifications in accordance with their emergency plans and procedures. State and local personnel and facilities will be activated based on the initial accident classification provided by the site and confirmed by direct communication between appropriate agencies and the James A. FitzPatrick Nuclear Power Plant.

The simulated accident will continue to develop based on data and information provided to the Control Room personnel by the Control Room referee. As the situation develops, information will be forwarded to New York State and the County assessment teams. These agencies will analyze and act on the information as they would in a real emergency.

Where information would normally be confirmed via an independent source, the confirmation data will be obtained. If the confirmation data conflicts with simulation data provided by the site, the simulation data will be utilized for accident assessment purposes. If any inconsistencies are noted in the initiating events, these inconsistencies should be questioned by the accident assessment teams as they would be in a real emergency.

Certain inconsistencies (such as plume width, release duration, technical reason for the simulated release, etc.) may be intentional and required due to the nature of simulating an accident that has never occurred, and the requirement to provide an exercise basis which tests the site, State, and local capabilities to the maximum extent feasible in a limited time frame. If an inconsistency is known or determined to be intentional, then the accident assessment group will note the inconsistency and ignore it. The lead referee shall have the authority to resolve or explain any inconsistencies or problems that may occur during the exercise.

With the exception of the aforementioned potential inconsistencies, the internal operation of the site, State and local command centers shall be identical with their intended operation in a real emergency.

#### E. PUBLIC INFORMATION AND AWARENESS

Prior to the exercise, the public, within the affected area, will be informed of the impending conduct of a radiological emergency exercise through joint press releases. The New York Power Authority, New York State and Oswego County will develop coordinated press releases.

Agencies should make every effort to prevent the public from being misinformed about the nature of the exercise. Therefore, it is important to inform members of the public that an exercise is in progress and that their involvement is not required, whenever public contact occurs in the field.

A pre-exercise briefing will also be conducted for the news media.

F. MAINTAINING EMERGENCY READINESS

During the performance of an exercise, the ability to recognize a real emergency, terminate the exercise, and respond to the new situation must be maintained. Therefore, the exercise scenario and actions of participants shall not include any actions which degrade the condition of systems, equipment or supplies, or affect the detection, assessment or response capability to radiological or other emergencies.

Actions taken by the participants shall also avoid actually reducing plant or public safety. The potential for creating real radiological or other emergencies shall be specifically avoided. All messages about real events shall be clearly identified as such. For example, precede a real message with "This is NOT, repeat, NOT an exercise message".

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\* OVERSIZE DUPLICATE DRAWINGS

SEE APERTURE CARDS

APERTURE CARD NO# 8407240078-01-thru-06.

AVAILABILITY ☒ PDR ☐ CF ☐ HOLD ☐

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ADDITIONAL APERTURE CARD NUMBERS BELOW.

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