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Mr. John B. Martin, Regional Administrator
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

July 19, 1985
ANPP-33077-EEVB/GEC

REGION V I&E

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
1985 Annual Emergency Plan Exercise
Docket Nos. STN 50-528 (License No. NPF-41) 529/530
File: 85-002-493; 85-056-026; G.1.01.10

Reference: Letter from R. H. Engelken (NRC Region V) to G. C. Andognini (APS)
dated December 14, 1982 regarding Emergency Preparedness Exercises.

Dear Mr. Martin:

Attached for your review and comment are the Objectives and Extent of Play for the 1985 PVNGS Annual Emergency Plan Exercise scheduled for October 2, 1985. These Objectives and Extent of Play are submitted pursuant to the above referenced letter.

The offsite elements of the Objectives and Extent of Play have been coordinated among the cognizant state and local emergency response agencies.

If you are in need of clarification or additional information, please contact Dennis Yows at (602) 932-5300, extension 6280.

Very truly yours,

EE Van Brunt

E. E. Van Brunt, Jr.
Executive Vice President
Project Director

EEVB/GEC/slh
Attachments

cc: R. F. Fish, Jr. (all w/a)
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EXERCISE OBJECTIVES AND EXTENT OF PLAY

Objectives

Onsite (Arizona Nuclear Power Project)

- Demonstrate the ability to assess plant conditions, classify the event, and identify projected trends and potential consequences.
- Demonstrate the ability to alert, notify, and mobilize PVNGS emergency response personnel within the time frames specified in the Emergency Plan.
- Demonstrate the ability of ANPP to notify agencies in a timely manner.
- Demonstrate the adequacy of the Emergency Plan and Emergency Plan Implementing Procedures both in terms of management control of an emergency situation and workability of the procedures at all levels.
- Demonstrate the adequacy of security access control to PVNGS emergency response facilities.
- Demonstrate the ability to effectively respond to a security event.
- Demonstrate the effectiveness and availability of appropriate emergency equipment.

- Demonstrate the ability to determine actual or potential offsite radiological hazards and make timely Protective Action Recommendations to offsite agencies.
- Demonstrate the ability to track plume passage and monitor contamination.
- Demonstrate the ability to gather samples and analyze them in a radiological laboratory setting.

Offsite (State of Arizona, County of Maricopa)

- Demonstrate that emergency response organizations can alert and mobilize emergency response personnel.
- Demonstrate the ability to deploy appropriate equipment/personnel in a timely manner.
- Demonstrate that timely and accurate decisions can be made regarding Protective Actions for the Plume Exposure Pathway Emergency Planning Zone (EPZ).
- Demonstrate that the Radiological Technical Organization can provide assessment and analysis and make appropriate recommendations for Protective Actions of a simulated release of radioiodine and noble gases.

- Demonstrate that the Monitoring Pool has the capability to perform terrestrial monitoring tasks.
- Demonstrate the capability to establish and operate a Reception and Care Center.
- Demonstrate access control and traffic regulation in the Plume Exposure Pathway EPZ.
- Demonstrate the capability to control access to emergency facilities in order to maintain security during an emergency.

Joint (Arizona Nuclear Power Project, State of Arizona, and County of Maricopa)

- Demonstrate timely coordination and release of information to the media through coordinated action by state, county, and utility elements.
- Demonstrate that emergency response organizations can activate and staff direction and control facilities in a timely fashion.
- Demonstrate the functional adequacy of emergency facilities.

- Demonstrate the ability to coordinate Protective Actions in the Plume Exposure Pathway EPZ.
- Demonstrate the adequacy of communication links between government emergency facilities, field teams, and the utility's emergency facilities.
- Demonstrate the adequacy of communications with public via news media and through other public information channels; i.e., EBS, Rumor Control, etc.
- Demonstrate the ability to implement personnel dosimetry for both utility and government emergency response personnel.
- Demonstrate the capability to transport injured personnel and provide emergency medical service onsite and offsite.
- Demonstrate the ability to perform onsite and offsite dose assessment in a timely manner.

Extent of Play

Activation of all Emergency Response Facilities in accordance with plans and procedures.

- PVNGS STSC, TSC, OSC, EOF, CHIC and CEC.
- State EOC/TOC including:
 - Public Inquiry Center
 - Joint Emergency News Center
- Maricopa County EOC
- REAT Center
- REAT Forward Center
- MCSO On Scene Command Post
- Reception and Care Center (1)
 - Demonstrate capability to establish sleeping arrangements for evacuees.
 - Demonstrate capability to monitor evacuees.

Response

- Use of Notification System - demonstrate ability to alert government response organization.
- Mobilize state and county response agencies.
- Deploy state and county response organization.
- Evacuation of representative resident group (25 to 30 people).
- Evacuation of representative resident group with special problems (approximately 2-3 people).
- Road block/control points (2) - demonstrate ability, then secure.
- Radiation Monitoring Teams (3 utility, 3 government).
- Use of primary communications and backup use as developed in the scenario.
- Use of the Offsite Siren Activation System. Sounding of Emergency Planning Zone sirens and two-tone alert devices will be simulated. Warning will be disseminated to player population through the supplemental warning team.

- Simulated contaminated injury transported to Maryvale Samaritan Hospital (1 person).
- Simulate Assembly and Accountability.