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Arizona Nuclear Power Project

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March 17, 1988

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

Dear Mr. Martin:

Subject: Palo Verde Nuclear Generation Station (PVNGS)
Units I, II and III
Dockets Nos. STN 50-528 (License NPF-41)
STN 50-529 (License NPF-51)
STN 50-530 (License NPF-65)
1988 Annual Emergency Plan Exercise
File: 88-002-493

References: (1) Letter dated August 3, 1983, from J. B. Martin, NRC,
to E. E. Van Brunt, ANPP, regarding Emergency
Preparedness Exercises.
(2) ANPP Administrative Controls Manual No. EX09.06

Attached for your review and comment are the Objectives and Extent of
Play for the 1988 PVNGS Annual Emergency Plan Exercise scheduled for
the week of June 6, 1988. These Objectives and Extent of Play are
submitted pursuant to the above references.

If you are in need of clarification or additional information, please
contact Dennis Yows at (602) 393-6280.

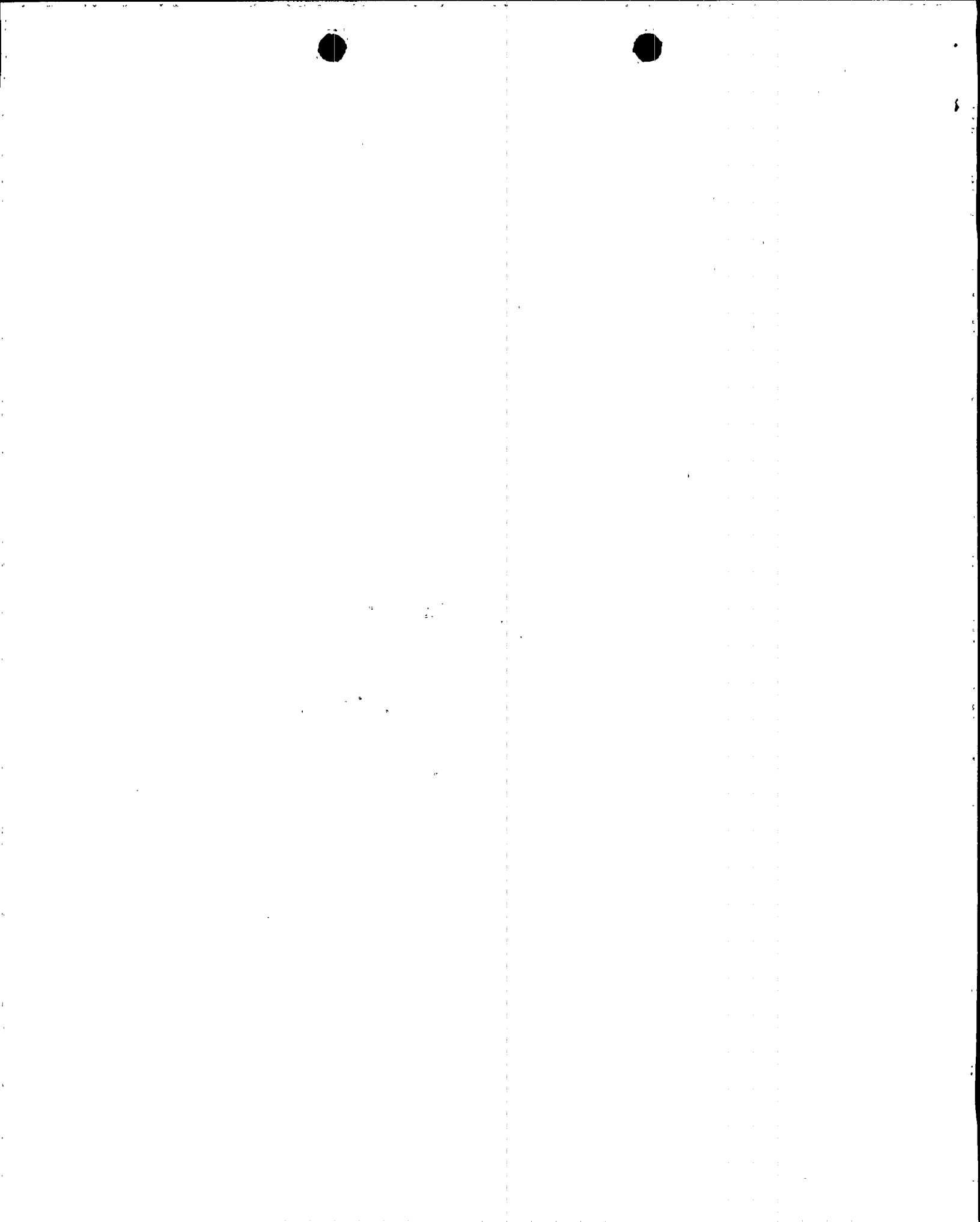
Very truly yours,

Jerry G. Haynes, Vice President
Nuclear Production

JGH/DGY/tp
Attachment (1)

cc:
O. M. DeMichele, 1935
A. C. Gehr, 6400
J. E. Kirby, 6163
E. E. Van Brunt, 7040
G. Brown, NRC
T. J. Polich, NRC
T. D. Shriver, 6118

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PDR ADCK 05000528
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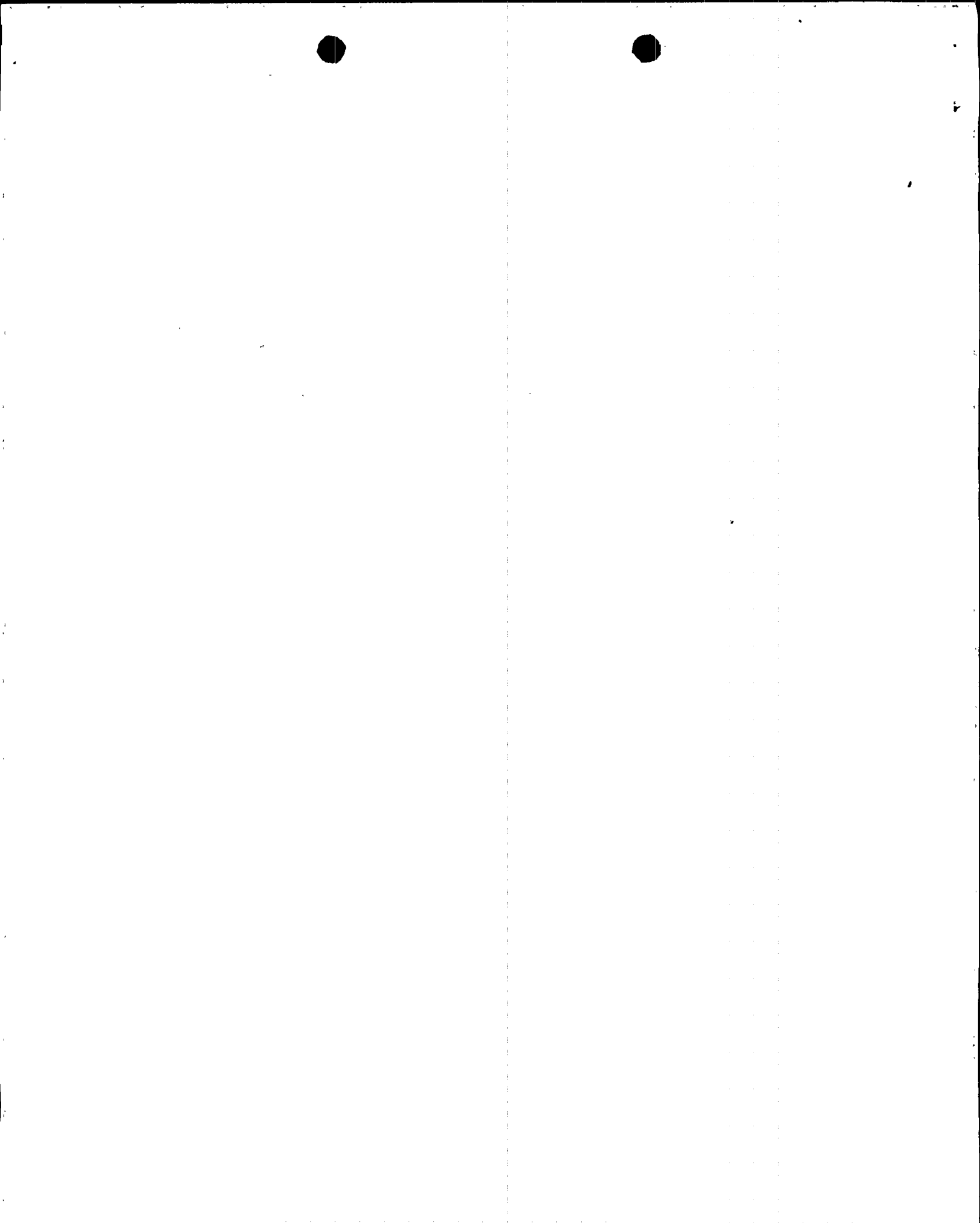
PRELIMINARY PVNGS 1988 EXERCISE OBJECTIVES AND EXTENT OF PLAY

OBJECTIVES

Onsite Facilities (PVNGS)

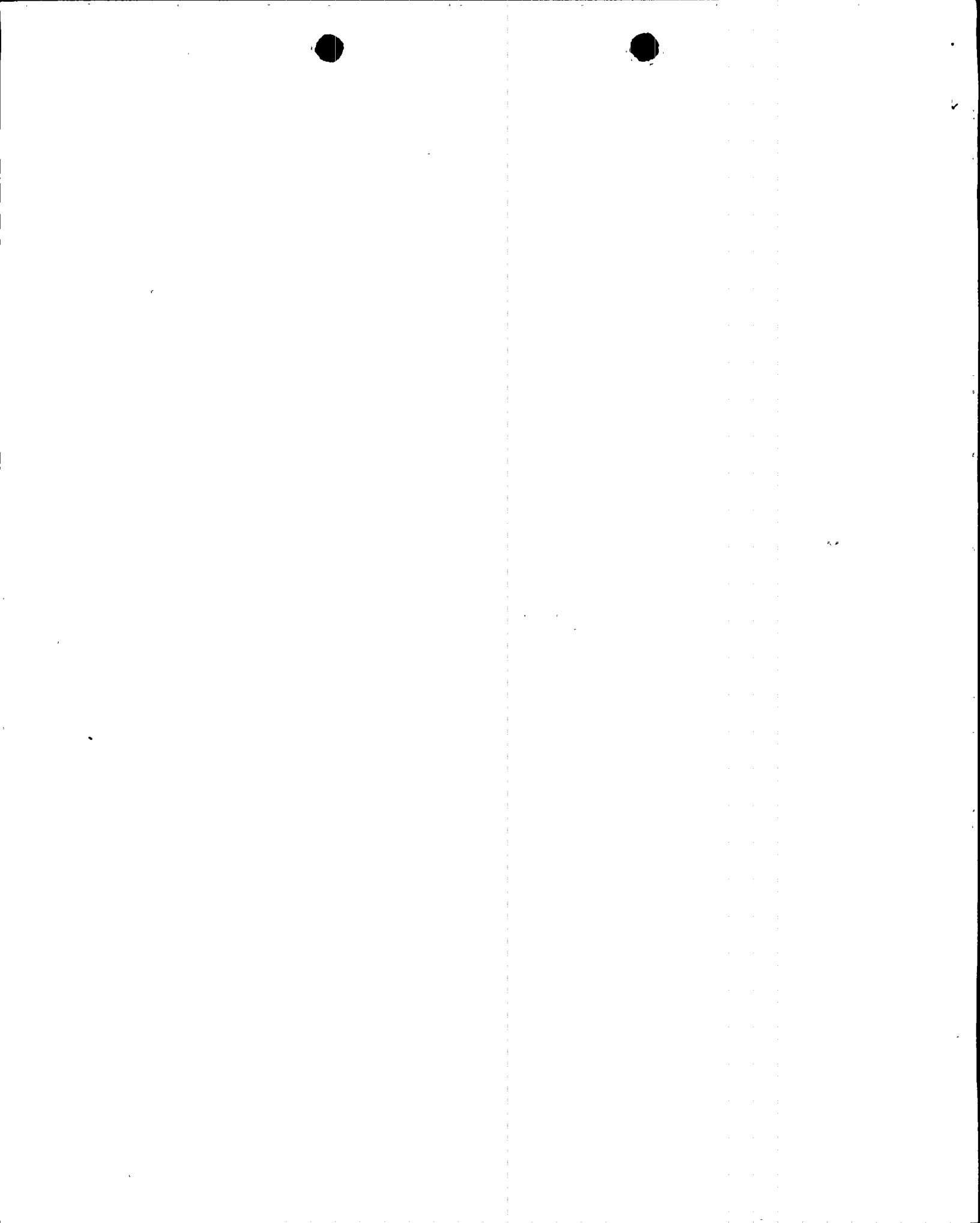
General Objectives

- Demonstrate adequacy of the Emergency Plan and Emergency Plan Implementing Procedures both in terms of management control of an emergency situation and the workability of the procedures at all levels.
- Demonstrate ability to respond to an unannounced emergency situation initiated during normal day-shift hours.
- Demonstrate ability to activate ANPP/APS emergency response facilities in a timely fashion.
- Demonstrate functional adequacy of the ANPP/APS emergency response facilities, including communications links and equipment.
- Demonstrate ability of key personnel to make timely and effective decisions with respect to a radiological emergency.
- Demonstrate methods established to maintain adequate security access control to emergency facilities.
- Demonstrate ability to maintain timely and accurate information on status boards.
- Demonstrate ability to provide first aid and initial care to a contaminated injured individual and provide associated radiological and contamination controls.



Control Room (CR)/Satellite Technical Support Center (STSC)
[Simulator]

- Demonstrate ability to assess plant conditions.
- Prior to TSC activation, demonstrate ability of Onshift Emergency Coordinator to classify events per EPIP-02.
- Prior to TSC/EOF activation, demonstrate ability to identify projected trends and potential consequences.
- Demonstrate ability to take corrective actions to control the situation and mitigate the consequences.
- Demonstrate ability to alert and notify PVNGS emergency response personnel in a timely manner.
- Prior to EOF activation, demonstrate ability to make initial notifications to state and county agencies within 15 minutes of an emergency declaration and the NRC immediately thereafter.
- Prior to TSC/EOF activation, demonstrate ability to determine actual or potential onsite and offsite radiological conditions.
- Demonstrate ability to effectively transfer responsibilities from the Onshift Emergency Coordinator to the Onsite Emergency Coordinator and inform the emergency response organization per EPIP-11.
- Demonstrate the ability to maintain a timely and accurate log of events.



Technical Support Center (TSC)

- Demonstrate ability to effectively transfer responsibilities from the Onshift Emergency Coordinator to the Onsite Emergency Coordinator and inform the emergency response organization per EPIP-11.
- Demonstrate effective direction and control of onsite monitoring and repair teams.
- Demonstrate ability to perform health physics practices including contamination control and routine habitability surveys.
- Demonstrate ability to receive and analyze onsite/inplant radiological data.
- Demonstrate capability of the Onsite Emergency Coordinator to classify events per EPIP-02.
- Demonstrate ability to obtain adequate plant documents, drawings, plans and procedures in support of Control Room activities.
- Demonstrate ability to manage onsite emergency response functions, emergency maintenance, safety and hazards control, engineering/technical analysis, radiation protection and reactor analysis.
- Demonstrate ability to establish (and if requested by NRC--maintain) communications with the NRC regarding health physics and operations.



Operations Support Center (OSC)

- Demonstrate effective command and control of the OSC personnel by the OSC Coordinator.
- Demonstrate ability of the OSC Coordinator to effectively communicate with the TSC on team assignment and status.
- Demonstrate effective assembly and dispatch of implant monitoring, repair and chemistry teams in a timely manner.
- Demonstrate ability to implement personnel dosimetry for emergency response personnel.
- Demonstrate ability to gather samples and analyze them in a mobile radiological laboratory setting (RERV).
- Demonstrate capability to perform contamination control, habitability surveys and maintain doses ALARA.

imp



Emergency Operations Facility (EOF)

- Demonstrate ability to maintain awareness of plant conditions, projected trends and potential consequences.
- Demonstrate ability to notify state and county agencies within 15 minutes of an emergency declaration.
- Demonstrate ability to provide follow-up information to offsite agencies, if requested.
- Demonstrate ability to make Protective Action Recommendations (PAR's) to offsite agencies.
- Demonstrate ability to direct offsite field monitoring teams for the purposes of tracking plume passage.
- Demonstrate ability to perform onsite and offsite dose assessment and projections in a timely manner.
- Demonstrate ability of the Emergency Operations Director to coordinate onsite and offsite emergency response activities.
- Demonstrate ability to provide approved information on inplant and onsite conditions/activities for release to the media/public.

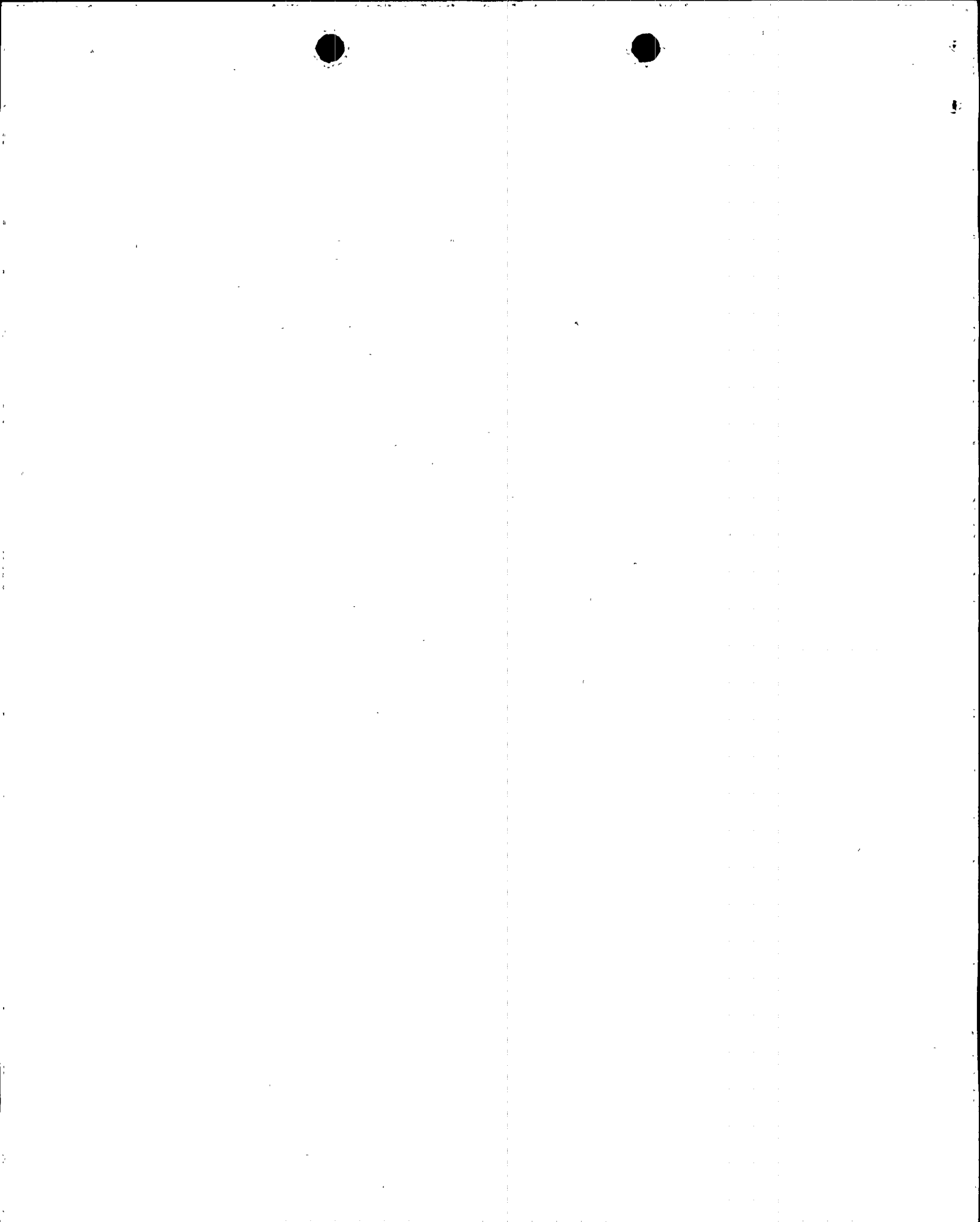
Offsite

Emergency Medical Facility

- Demonstrate ability of the Good Samaritan Medical Center to provide emergency medical care to a contaminated injured individual and to provide associated radiological and contamination controls.

Joint Emergency News Center (JENC) [ANPP/APS]

- Demonstrate ability to communicate with all appropriate locations, organizations and personnel.
- Demonstrate adequacy and workability of the Joint Public Information Procedures.
- Demonstrate timely development and release of information to the media/public through coordinated actions of utility representatives.
- Demonstrate ability to brief the media in a clear, accurate and timely manner.
- Demonstrate ability to establish and operate a rumor control group in a coordinated manner.



EXTENT OF PLAY

Activation of all Emergency Response Facilities (ERF's) in accordance with plans and procedures.

- PVNGS Unit 1 Control Room and STSC (activities to be performed in the Simulator), TSC, OSC, EOF, FNC and CEC.

RESPONSE

- Use of Notification Alert Network (NAN)
- Alert government response organizations.
- Radiation Field Monitoring Teams (3 utility).
- Use of primary and backup communications links as required by the exercise.
- Use of the Offsite Siren Activation System will be SIMULATED. Siren sounding will not occur, EBS messages will be generated and distributed, but not broadcast. The warnings will be disseminated among the exercise participants through the supplemental warning team.
- The siren portion of the PVNGS Site Warning Siren/Public Address System will be SIMULATED. The public address portion of this system will be used.
- Onsite Evacuation, Assembly and Accountability will be simulated.
- One (1) of the onsite monitoring teams will demonstrate the donning and removal of protective clothing before going into the field. All other teams will simulate the use of protective clothing.
- Inplant teams will don protective clothing as appropriate to the scenario.
- One (1) simulated contaminated injured individual will be transported offsite for treatment at Good Samaritan Medical Center.

