

Exelon Mtg. 5/16/2001

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Nuclear

Nuclear Regulatory Commission  
Presentation  
May 16, 2001

# **“Exelon Nuclear Radiological Emergency Plan”**

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## Objective of Today's Meeting

- Discuss Advantage for Standardizing Emergency Preparedness Process
- Discuss the Standardized Emergency Plan and Annexes
- Review Changes Requiring NRC Approval Prior to Implementation

## What's Involved

- The Plants included in this discussion are:
  - Limerick Generating Station – (LGS)
  - Peach Bottom Atomic Power Station (PBAPS)
  - Three Mile Island Nuclear Station (TMI)

# Standardized Emergency Plan and Site-Specific Annexes

- Generic Section (applicable to all Exelon and AmerGen MWROG Plants and LGS, PBAPS and TMI)
- Site Specific Annexes
  - LGS
  - PBAPS
  - TMI

# Advantages for Standardizing EP Process

- Consistent planning across Exelon
- Increases learning
- Applies improvements across all plants
- State, regulatory and utility responders function in consistent roles
- Protective action recommendations based on plant conditions

# Advantages for Standardizing EP Process (Cont'd)

- Plan format consistent with NUREG-0654 format
- Staffing levels exceed staffing levels associated with NUREG-0654 Table B-1
- Enhances staffing skill sets
- Initiates activation of EOF at the Alert classification

# Advantages for Standardizing EP Process (Cont'd)

- Improves recovery process and provides a formal process for recovering from a Site Area Emergency classification
- Consolidates event classification, off-site notification and Protective Action Recommendation responsibility at the EOF



## **TABLE B-1 of NUREG-0654**

- Standardized Plan recognizes variability of response times and compensates by providing additional resources at the 60-minute level

# **Revision of Emergency Plan On-Shift Staffing to be consistent with NUREG-0654**

- LGS and PB Emergency Plan Positions Affected
  - 1 Communicator
  - 2 Dedicated Maintenance Technicians
  - 1 Dose Assessor
  - 2 Dedicated Off-Site Survey members

# **Revision of Emergency Plan On-Shift Staffing to be consistent with NUREG-0654**

- TMI Emergency Plan Positions Affected
  - 4 Maintenance Technicians
  - 1 On-Shift OSC Coordinator
  - 1 Dose Assessor
  - 1 Off-Site Field Team Member
  - 1 Communicator
  - 1 Security Coordinator
  - 2 Auxiliary Operators

# Relocation of the TMI Technical Support Center to Operations Support Facility

- Reduces congestion in Control Room
- ED/Dose Assessment co-locate with Engineering Support Staff
- Larger Facility - Less than 5 minutes from the Control Room
- Meets habitability requirements for TSC personnel

# Relocation of the TMI Emergency Operations Facility

- Staffed by MAROG headquarters personnel
- Common EOF in Coatesville used since 1992
- State-of-the-art facility
- Extends philosophy of a single emergency response concept

# Advantages of Relocating the TMI EOF

- Enables implementation of the standardized EP Process
- Allows station resources to better focus on site accident mitigation

# TMI Joint Public Information Center

This change does not move the TMI JPIC  
from Harrisburg

# Summary

Implementation of the Standardized Plan, along with the relocation of the TMI EOF and TSC, results in a more effective radiological emergency response.

Plan Implementation Date 01/02/02