January 26, 2009

From: A. Burritt, Chief
DRP, PB 3

MEMORANDUM FOR THE RECORD

Slides from PSEG Nuclear

For Public Meeting on January 21, 2009

Response to Fourth Quarter 2007 Yellow Performance Indicator

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PSEG Nuclear, Salem Generating Station Unit 1
Robert C. Braun - Site Vice President

January 21, 2009

Current Salem Emergency Diesel Generator Performance

Significant reliability improvements made

- Upgraded cylinder heads
- Improved preventative maintenance
- Replaced excitation relays

All six emergency diesels tested frequently

- Monthly tests to demonstrate reliability
- Full load, 24 hour duration tests every 18 months

Salem Diesel availability is top decile for the industry

- No demand issues for more than one year

MSPI Improvements and Next Steps

Documentation improvements were completed

- Revised MSPI basis document more closely reflects plant data
- Revised probabilistic risk assessment model

MSPI Program Management was improved

- Assigned Program Manager
- Trained additional personnel
- Increased site awareness

Emergency AC margin is being increased

- Installing backup power supplies for 500kV Switchyard equipment
- On track to complete by end of 2009