



Prairie Island Nuclear Generating Plant

HAB Drill Conference Call

11/03/09

Purpose

- Communicate basis for PINGP's decision to cancel the November 3rd HAB Drill
 - Share PINGP's lessons learned and program improvements as a result of the July 24, 2007 HAB Drill
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Response to NRC Bulletin 2005-02

- The following commitments were made in response to NRC Bulletin 2005-02:
 - Update EALs IAW guidance in Attachment 2 of BL 2005-02
 - Incorporate procedural guidance for accelerated notification of the NRC for imminent threat or attack
 - Evaluate onsite protective actions and modify procedures as appropriate
 - Revise Emergency Plan to include provisions for drills and exercises using terrorist-based-events. Demonstrate response to a terrorist event at least once during the six-year exercise cycle after July 1, 2009
 - The bulletin also directed that each site perform one hostile action based drill within the three-year period between September 2006 and December 2009.
 - Actions associated with BL 2005-02 commitments were completed and PINGP conducted a Hostile Action Based Drill on July 24, 2007
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Performance Results from July 2007 HAB Drill

- Three NEI 06-04, Rev 0 demonstration criteria not satisfactorily met:
 - A.1.2: Demonstrate the interface between the emergency director and the incident commander, including their roles responsibilities and authorities as conditions change.
 - B.8.5: Demonstrate the medical emergency response for an event involving multiple casualties.
 - L.2.1: Demonstrate the process for coordinating the onsite medical team response.
 - Planned a re-demonstration for November 3, 2009
 - Drill cancelled due to Refueling Outage schedule change
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Improvements / Lessons Learned

- Strengthened Incident Command
 - Procedure Upgrades
 - Identified ICP and Staging Area locations
 - Proceduralized Offsite Radiation Protection Officer at Staging Area including dosimetry, KI, and just-in-time training for responders
 - Established positions of Liaison to ICP (Operations, Security, and Radiation Protection)
 - Improved Communications Links
 - Communications roadmap
 - Bridge line between CR, ED, EM, and ICP Liaisons
 - Use of ACU 1000 to patch frequencies of responding agencies together
 - Training
 - Planning meetings – onsite, offsite (local, tribal, state, federal)
 - Tabletop Drill
 - Communications Drill
 - NIMS modules for Key ERO, PINGP Security, and EP staff
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Improvements / Lessons Learned (cont'd)

- Extensive Interaction with Offsite Agencies During the Planning Phase
 - Planning meetings held in 2007, 2008, and 2009 with representatives from all involved offsite response organizations
 - Engaged offsite agencies to improve response and understanding of roles
 - August 25, 2009 Tabletop Drill
 - All offsite and onsite facilities fully represented (~150 personnel)
 - Computer-generated video to facilitate improved interaction
 - Lessons learned from 2007 drill and industry experience emphasized throughout the tabletop
 - Enhancement items identified from feedback were incorporated in advance of November drill
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Improvements / Lessons Learned (cont'd)

- October 15, 2009 Communications Drill
 - Tested communications from a number of onsite and offsite response facilities, ICP locations, and staging areas
 - Involved mobile command vehicles from city and county (2) agencies
 - Tested communications using radio (VHF, 800 MHz, satellite), cell phone, and push to talk devices
 - Tested use of ACU 1000 Unit to patch different frequencies together
 - Involved personnel from several areas:
 - Site security, fire brigade, and emergency planning
 - Offsite local fire-fighting, EMS, and law enforcement units from 3 counties in the 2 states.
 - Demonstrated capability of onsite and offsite organizations to establish and maintain effective communications
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Improvements / Lessons Learned (cont'd)

- Strengthened Medical / Mass Casualty Response
 - Procedure upgrades for mass casualty triage and search and rescue
 - Participation of the hospital, local and state emergency medical response during planning meetings and tabletop drill
 - Annual Medical drills which demonstrate the coordination of onsite and offsite medical team response
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Other Actions / Lessons Learned

- Benchmarked industry:
 - Observed drills at Monticello and Sequoyah
 - Lessons learned from Exelon (including Exelon review of scenario)
 - Ongoing communications with NEI
 - Improved checklists for offsite notifications and ERO activation
 - Site emergency call-in rollover to TSC and EOF
 - Roadblock credentialing process established
 - Pre-approved initial news releases
 - Facility improvements – review of backup EOF and TSC/OSC mustering point readiness, “go bags” for liaisons, laptop computers at TSC/OSC mustering point, radiation survey instrument locations identified
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Conclusions

- Issues identified during the 2007 HAB Drill have been addressed through corrective actions and incorporation of industry lessons learned
 - Actions provide reasonable assurance that PINGP ERO and offsite support organizations can satisfactorily respond to a HAB event
 - Re-demonstration will not be conducted, HAB Drills are included in Emergency Plan six-year drill cycle
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