



# Session 2A

## EXERCISE LESSONS LEARNED

# *PLANNING FOR NO SURPRISES*



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# EXERCISE LESSONS LEARNED

## *PLANNING FOR NO SURPRISES*

***HAVE YOU BEEN SURPRISED LATELY?***





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 OCCURRENCE REPORT: #ORO-BWXT-Y12NUCLEAR-2003-0031

 OCCURRENCE CATEGORY: UNUSUAL

 TITLE: OSR VIOLATION DURING CAAS EXERCISE

 NATURE OF OCCURRENCE: 1C-FACILITY CONDITION-SAFETY  
STATUS DEGRADATION



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### DESCRIPTION OF OCCURRENCE:

On July 23, 2003, a CAAS exercise was started that included bldgs. XXXX and XXXX. At approximately 0740 hours the Criticality Accident Alarm System (CAAS) was intentionally made inoperable to initiate a Facility Exercise. The Operational Safety Requirements (OSR) require that personnel entering the CAAS coverage when it is inoperable have alarming dosimeters (chirpers). During the exercise, multiple personnel entered the CAAS coverage area without appropriate instrumentation.



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### 3<sup>RD</sup> OSR VIOLATION:

During the the drill, multiple drill team members (Exercise Director, Safety Officer, Logistics Officer) entered the CAAS coverage area without chirpers. This area was not being controlled to prevent personnel from entering the area.

 **DIRECT CAUSE:** 2A-Defective or inadequate procedure.

 **CONTRIBUTING CAUSES:** 3A-Inattention to detail, 3C-Communication problem, 3D-Human error, 6E-Policy inadequate, disseminated, enforced.



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 **ROOT CAUSE: 6B-Work organization, planning deficiency.**

The Operations representative on the Exercise Committee did not establish adequate numbers of controllers to control the area around Area 5. The primary representative from the organization was not from building XXXX or XXXX.

**There was no formal mechanism for the XXXX representative to use to ensure that the proper controls were in place prior to conducting the exercise.**



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## DRILL AND EXERCISE PLANNING PROCESS CHANGES AT Y-12

**(How we moved the target!)**



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### RE-INFORCED DRILL/EXERCISE COMMITTEE

- **All** organizations represented, including reps from operational facilities. Members represent their entire organization, not just their specific area.
- Members are **required** (by procedure) to review all drill/exercise documents.
- Members **must** concur (sign) with drill/exercise packages.
  - All sign for exercises.
  - Affected organizations/facilities sign for drills.



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### DEVELOP AN AJHA

- **Required** by procedure.
- Automated Job Hazard Analysis is developed for **every** field drill/exercise.
- Drill/exercise specific ‘hazards’ added to database (“Will violate access requirements” “Plant operations may be impacted” “Personnel may evacuate from alarmed areas”).
- **All** affected organizations **must** approve.



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### CONDUCT A USQD

- **Required** by procedure.
- An Unreviewed Safety Question Determination is conducted by the primary affected facility.
- Operations Managers and Facility Managers **must** concur.



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### AFFECT

- Organizations have ownership.
- Managers are informed.
- Drills and exercises are conducted **safer and without violating the safety basis and security requirements.**



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# *QUESTIONS?*