

J21. Nine Mile Point 1: BWR-2 Mk1**U.S.A.****Radiation Protection Surveys and Job Coverage**

Description: Radiation protection surveys, inspections and job coverage. Included the following:

- Radiological surveys:
 1. Pre-scheduled updates (daily, weekly, monthly).
 2. Job coverage per supervisory direction and radiation work permit (RWP) requirements.
 3. Change in conditions (CRUD flushing, shielding, etc.).
 4. Airborne radioactivity concentration assessments
 5. Special and hot particle surveys
- Job coverage per supervisory direction and RWP requirements.
- Radiological posting installations and updates.
- Tours, inspections, and verifications.
- Minor equipment maintenance.

Comments: The radiological controls used during the operation included the following:

- Utilization of Xetex alarming dosimeters.
- Utilization of portable radiation monitors, VAMPs.
- Utilization of video surveillance monitoring equipment.
- Utilization of temporary shielding on the reactor water cleanup supply line shadow shielding on the re-circ piping, etc.

Post-Job Suggestion: The ALARA group recommends that radiological protection (RP) supervision develop a method of allowing RP technicians to log their exposure and ManHours onto the radiation work permit specific to the work for which the surveys and job coverage were done.

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