

J24. Nine Mile Point 1: BWR-2 Mk1**U.S.A.****Replacement of Insulation on Main Steam Piping**

Description: Replace insulation on main steam piping, inspect and supervise, install/modify/remove scaffolding, modify shielding, and clean up.

The estimated ManSv and ManHours were 0.0849 and 400, respectively. The actual collective dose and ManHours were 0.06865 and 425. This insulation work was done in the drywell.

Comments:

Exposure Estimates: The actual exposure for this job were 19% lower then estimated due to:

1. Shielding the recirc risers
2. Use of experienced personnel familiar with the drywell reinsulation tasks
3. Numbering the individual pieces of insulation as they were removed for easy identification when they were replaced. (This procedure resulted from a lesson learned, told in a previous NMPC ACE file.)

These dose saving techniques are reflected in the actual exposure saved during the reinsulation work being 0.01625 Person-Sv.

Access Controls:

1. Prior to each entry RP informed workers of area radiological conditions and low dose rate waiting areas.
2. Prior to each entry the insulators and scaffolding crews informed RP of specific work areas and tasks.
3. Communication between RP and job supervision was very good, enabling the work to be done in a timely and efficient manner.

The work crews made good use of identified low dose areas when delays occurred.

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