

**J16. Nine Mile Point 1: BWR**

**U.S.A.**

**Replacement of Incore Monitors**

**Description:** Replace IRM # 18 and # .15 This work is performed under vessel. The scope involves removal of the incore monitor cutting up the detector into sections, and placing the highly irradiated detector into a shielded pig. Storage of the detector is in a locked room.

**Comments:** ALARA good practices included long handled tool at the job site, and a shielded pig at site for the removed detector. The shield should be light enough for two people to carry. Work should be started at the beginning of a new shift, preferably when personnel not required for the work are not in the area. The detector is special nuclear material, and is stored in a clearly marked drum in the locked rad waste storage pit. This ensured positive control over the material and appropriate material accountability.

Experienced work crews should be used for IRM replacements. If possible an IRM/SRM mock-up should be available for training purposes.

The entire removal and replacement of IRM/SRM detectors is possible without the use of respirators if a plastic containment sleeve is used.

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