

## BNL ALARA CENTER

**Processes and Practices Related to Occupational Dose**

ID: 56

**THREAD CLEANER FOR STUDS OF REACTOR VESSEL HEAD**

**Keywords:** REACTOR VESSEL STUD CLEANER; OPERATIONAL AND MAINTENANCE TECHNIQUES; REACTOR HEAD STUDS; REMOTE MAINTENANCE; REMOTE TOOLS AND DEVICES

**Description:**

During each refueling studs for the reactor vessel head must be cleaned. By using a freon spray reactor head stud cleaning machine studs may be cleaned and inspected without the use of respirators. Utilities who have used these stud cleaning machine have reported reduction in cleaning and testing time, thereby providing dose savings for workers.

**References and Selected Abstracts:**

1. Kazemfar, A., "Freon Cleaning Experiences at CR-3 Site and other Utilities," Florida Power Corporation Report.
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