

27 High-Dose Jobs in Nuclear Power Plants¹

27.1 High-Dose Jobs in PWRs

High Dose Item	91	92	93	94	Avg. Dose
1. Reactor Assembly/Disassembly					
2. Fuel Shuffle/Slipping and Inspection					
3. Steam Generator Manway Removal					
4. Steam Generator Eddy Current Testing					
5. Steam Generator Tube Plugging					
6. Residual Heat Removal System Maintenance and Repair					
7. Reactor Coolant Pump Seal Replacement					
8. Primary Valve Maintenance and Repair					
9. In-Service Inspection					
10. Insulation Removal/Replacement					
11. Scaffold Installation/Removal					
12. Anchor Bolt Inspection and Repair					
13. Snubber Inspection and Repair					
14. Seismic Inspection and Repair					
15. Radwaste System Repair, Operation, and Maintenance					
16. Secondary Side of the Steam Generator Inspection and Repair					
17. Chemical, Volume, and Control System Repair and Maintenance					
18. Charging Pump Repair and Maintenance					
19. Cavity Decontamination					
20. Plant Decontamination and Shielding					
21. Pressurizer Valve Inspection, Testing, and Repair					
22. Operations - Surveillance and Inspection					
23. Operations - Valve Unsupe					
24. Instrumentation Repair and Calibration					

¹B.J. Dionne and J.W. Baum, "Occupational Dose Reduction and ALARA at Nuclear Power Plants: Study on High-Dose Jobs, Radwaste Handling and ALARA Incentives", NUREG/CR-4254, May 1985, Superintendent of Documents, U.S. Government Printing Office, P.O. Box 37082, Washington, DC 20013-7982.