

38.2 ALARA Program Pre-Job Checklist (Tennessee Valley Authority)

APPENDIX A-1ALARA PROGRAMPRE-JOB CHECKLIST

JOB: _____

LOCATIONS: _____

TASKS: _____ DATE: _____

RWP NO.: _____ ALARA NO.: _____

EXPECTED RADIATION LEVEL: c _____ (mrem/hr) CONTAMINATION LEVEL: _____ (dpm/100 cm²), or
 b _____ (mrem/hr) (cpm), or
 (Optional - attach survey maps) (uci/m²)

AIRBORNE TRITIUM: _____ MPC(a)

<u>ITEMS TO BE CONSIDERED</u>	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>REMARKS</u>
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1.0 PROCEDURE PREPARATION1.1 Job Procedure Prepared _____1.2 Unnecessary Work Deleted _____1.3 Personnel (Number and Qualification) _____1.4 Radiation Hold Points Identified _____1.5 Tool Lists Developed _____1.6 Special Tools Considered _____1.7 Prefabrication Considered _____1.8 Removal of Component to Low Dose _____Area Considered _____1.9 'Lessons-Learned' Reviewed _____1.10 Scheduling of Prerequisite Work _____Considered _____1.11 Back Out Provisions Identified _____2.0 SET-UP PREPARATION2.1 Access to and Exit from Work Area Planned _____

APPENDIX A-1 (Cont)

<u>ITEMS TO BE CONSIDERED</u>	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>REMARKS</u>
2.2 Service lines provided:				
Lighting				
Breathing Air				
Welding				
Other				
Instrument/Tool Air				
Electric				
2.3 Staging/Set-Up in Accessible Area				
2.4 Communication provided:				
Headset				
Walkie-Talkie				
TV Camera				
Other				
2.5 Radiological controls:				
Absorbent Paper				
Glove Boxes/Tents				
Multiple/Extremity Dosimetry				
Ventilation				
Posting Hot Spots, Waiting Areas				
Flushing/Filling				
Decontamination				
Temporary Shielding of Components				
Temporary Shielding of Work Area				
Permanent Shielding				
Rubber Area				

APPENDIX A-1 (Cont)

<u>ITEMS TO BE CONSIDERED</u>	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>REMARKS</u>
2.6 Protective equipment:				
Respiratory Protection				
Plastic Suits				
Face/Eye Protection				
Additional Gloves				
Other Protective Clothing				
3.0 <u>WORKER PREPARATION</u>				
3.1 Experienced Workers Selected				
3.2 Special Training/Photos				
3.3 Rehearsal				
3.4 Mock-up Training				
3.5 Briefing Workers				
3.6 Evaluate Use of Fewer Workers				
3.6 Radiation Protection Assistants Identified				