

ACTION PLAN FOR ADDRESSING DAVIS-BESSE LESSONS LEARNED TASK FORCE RECOMMENDATIONS REGARDING ASSESSMENT OF BARRIER INTEGRITY REQUIREMENTS

Last Update: 9/30/03
Lead Division: RES/DET
Supporting Divisions: DRAA, DSARE
Supporting Offices: NRR, Regions

Milestone	Date (T=Target) (C=Complete)	Lead	Support
Part I: Leakage			
1. Review PWR TS to identify plants that have non-standard RCPB leakage requirements [LLTF 3.3.4(9):High]	7/03 (C) ML031980277	NRR/DIPM	
2. Review plant alarm response procedure requirements for leakage monitoring systems and assess their adequacy for identification of RCPB leakage [LLTF 3.2.1(3):High]	3/04 (T)	NRR/DIPM	RES/DET
3. Re-evaluate basis for RCS leakage requirements and assess the capabilities of currently used and state-of-the-art leakage detection systems [LLTF 3.2.1(1):High, 3.1.5(1):High]	7/04 (T)	RES/DET	RES/DRAA RES/DSARE NRR/DSSA NRR/DE NRR/DRIP NRR/DIPM
4. Develop recommendations for inspection guidance pertaining to RCS unidentified leakage that includes action levels to trigger increasing levels of NRC interaction with licensees in response to increasing levels of unidentified RCS leakage [LLTF 3.2.1(2):High]	1/05 (T)	NRR/DIPM	RES/DET NRR/DE NRR/DSSA

Milestone	Date (T=Target) (C=Complete)	Lead	Support
5. Develop recommendations for (1) improving plant procedures for identifying RCPB leakage, (2) consistent TS, and (3) use of on-line, enhanced leakage detection systems on critical components [LLTF 3.1.5(1):High, 3.2.1(1):High, 3.2.1(3):High, 3.3.4(9):High]	3/05 (T)	NRR/DIPM NRR/DRIP RES/DET	NRR/DE RES/DRAA NRR/DSSA NRR/DLPM
6. Use appropriate regulatory tools to implement improved requirements [LLTF 3.2.1(1):High]	TBD	NRR/DRIP	RES/DRAA RES/DSARE RES/DET NRR/DSSA NRR/DE NRR/DLPM
Part II. Performance Indicators (PI)			
1. Develop and implement improved barrier integrity PI based on current requirements and measurements [LLTF 3.3.3.(3):High]	6/04 (T)	NRR/DIPM	RES/DRAA RES/DET NRR/DE NRR/DSSA Regions
2. Develop and, if feasible, implement an additional PI capable of tracking the number, duration, and rate of primary system leaks. [LLTF 3.3.3.(3):High]	12/05 (T)	NRR/DIPM	RES/DRAA RES/DET NRR/DE NRR/DSSA Regions
3. Determine feasibility of establishing a risk-informed barrier integrity PI [LLTF 3.3.3.(3):High]	TBD	RES/DRAA	NRR/DIPM NRR/DSSA NRR/DE RES/DET Regions
4. Evaluate the need to modify existing barrier integrity PI's based on potential new requirements for RCS leakage from Part 1 [LLTF 3.3.3.(3):High]	TBD	NRR/DIPM	RES/DRAA RES/DET NRR/DE NRR/DSSA Regions