

Database Queries

Correlate Crack Characteristic with POD for Different Mockup Configurations and Materials.

Correlate UT Techniques, Equipment, and Modeling with POD.

Correlate Training with POD.

Establish RPV Flaw Ligament RMS Error.

UPDATE IGSCC QUALIFICATIONS/RE-QUALIFICATION DATA

What value does prior UT knowledge and practical/training have on pass/fail results?

Time Frame:	2002 through 2006
Process:	Manual/Automatic
Unique Test Identifier:	For 1 st , 2 nd , 1 st RQ, 2 nd RQ test for each candidate
Test Purpose:	Detection/Sizing
Test Date:	For each unique test identifier
Flaws:	Total number of flaws, number correctly identified flaws, number of false calls
Pass/Fail:	For each unique test identifier
Total Sum:	For candidates tested, passed, failed, not completed for the 1 st , 2 nd , 1 st RQ, 2 nd RQ.
Skills:	Initial IGSCC qualification/re-qualification.
Experience:	Training for Level II, Active Level II or III, Expired Level II or III.
Training:	Hours practicing/training performed within 30 days before each test.
Other Quals:	Number of prior Appendix VIII qualifications for detection or sizing (test purpose above).