



Remarks: Validation IAW TOP-018, Revision 9, Section 4.2.2 for acquired software approved and endorsed by the U.S. NRC for use in regulatory reviews. NRC endorsement of the Scale code package is documented in a number of NRC Standard Review Plans and Regulatory Guides.

The reference documented here is NUREG-1567, "Standard Review Plan for Spent Fuel Dry Storage Facilities," Spent Fuel Project Office, U.S. NRC, Washington, DC, March 2000. Section 7.5.1 endorses use of the SCALE ORIGEN module for spent nuclear fuel source term analyses. Section 7.5.4.1 endorses use of SCALE for shielding analyses. Section 8.4.4.1 endorses use of SCALE for criticality safety analyses.

The attached "SCALE Validation/Benchmark Reports" from the SCALE code website <http://www.ornl.gov/sci/scale/validation.htm> includes a number of NUREG documents available at this website in all three areas of SCALE analyses (criticality safety, radiation shielding, and spent fuel characterization and decay heat).

6. Approval

Manager: 	Date: 1-24-2005
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Remarks:

7. QA Verification

SRN Number: 347

	Date: 1-25-2005
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Remarks: