

STATUS OF RESEARCH PROGRAM GSI-191 "ASSESSMENT OF DEBRIS ACCUMULATION ON PWR SUMP PERFORMANCE"

Dr. B. P. Jain
Office of Nuclear Regulatory Research
Division of Engineering Technology
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Current Status

- □RES Issued DG-1107 for Public Comments (Feb' 2003)
- □RES Issued Knowledgebase NUREG/CR (Feb' 2003)
- □RES Issued RG 1.82, Rev. 3 To NRR, OGC (July 14, 2003)



Completed & Planned RES Activities

- □Issued KnowledgeBase NUREG/CR-6808 Feb '03
- □Issued DG-1107 for Public Comments –Feb '03
- □ Public Comments Resolved
- □ Issued RG 1.82 for Internal Comments
- ☐ Final RG 1.82, Rev. 3 is scheduled for Sept '03



GSI- 191 Closure RES Planned Activities (Near Term)

- Cal-Sil Head Loss Test Report
 - ☐ Draft NUREG/CR Aug' 03
 - ☐ Final NUREG/CR —Scheduled Sept' 03
- RG 1.82
 - ☐ Resolve NRR and OGC Comments
 - ☐ Present for ACRS and CRGR Review
 - ☐ Issue in September 2003
- Chemical Test Report (ACRS)
 - ☐ Tests Completed July' 03
 - ☐ Draft NUREG/CR Aug' 03
 - ☐ Peer Review Aug' 03
 - ☐ Final NUREG/CR Sept' 03



RES Planned Activities (Long-Term)

- Debris Sample Characterization for PWRs
 - □ Debris Sample from Five Volunteer Plants-Aug' 03
 - □LANL's Analyses Starts Sept' 03
 - □NUREG/CR March' 04
- Additional Head Loss Tests
 - ☐Tests Completed by Jan' 04
 - ☐Test Report by Feb' 04
 - ☐Final NUREG/CR –March' 04



- HPSI Throttle Valve Clogging issue
 - -Screen Penetration Tests
 - -Tests Completed by Jan' 04
 - -Test report March' 04
 - ☐ Throttle Valve Clogging Tests
 - -Design and Construct Experiment Facility March' 04
 - -Test Results Available April' 04
 - -Draft NUREG/CR Aug' 04
 - -Final NUREG/CR Sept' 04
 - □Effect of Centrifugal Pump on Ingested Debris Scope & Schedule TBD after Completion of Throttle Valve Clogging Tests
 - International Workshop in Albuquerque, NM Feb/March 2004



RES Conclusions

 All RES Activities are Scheduled to be Completed by end of FY 04