

# ATTACHMENT 5



U.S. Department of Energy  
Office of Civilian Radioactive Waste Management



# Key Technical Issue Resolution

Presented to:

**DOE/NRC Quarterly Management Meeting**

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**U. S. Department of Energy**

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**Rockville, Maryland**



# Key Technical Issues Submittal Status

- All 293 Key Technical Issue (KTI) agreements will be addressed by the time of License Application
- FY03-FY05 plan for delivery of KTI agreements was provided to NRC on September 24, 2002
- Summary KTI Status
  - Agreements reached 293
  - Complete responses submitted 128
    - ◆ NRC needs additional information 28
    - ◆ In NRC review 34
    - ◆ Agreements complete 66
  - Partial responses submitted 18
  - Responses not yet submitted 147



# Key Technical Issues Submittal Status

(Continued)

- **All KTI agreements responses scheduled for submittal in FY02 have been submitted**
- **63 KTI agreement responses are scheduled for submittal in FY03**
  - **Status of FY03 KTI agreement responses due to date**
  - **Additional KTI agreement responses submitted**



# Key Technical Issues Submittal Status

(Continued)

- **BSC schedule for work required to complete a small number of KTI agreements has been revised**
- **DOE will keep NRC staff informed of any anticipated changes to submittal schedule**
- **Appendix 7 meetings or Technical Exchanges will be scheduled as appropriate**



# Key Technical Issue Agreement Summary

(reflects activities through January 14, 2003)

KTl	Agreements Reached	In NRC Review	Partial Responses Submitted	Responses Not Yet Submitted	NRC Needs Additional Information	Agreements Complete
CLST	58	7	2	24	8	17
ENFE	41	4	6	17	2	12
GEN	1	0	0	1	0	0
IA	22	3	0	7	2	10
PRE**	9	1	0	6	1	1
RDTME	23	1	2	20	0	0
RT	29	2	2	16	5	4
SDS	10	2	2	0	2	4
TEF	15	1	2	5	1	6
TSPAI	58	8	1	39	6	4
USFIC	27	5	1	12	1	8
<b>TOTAL</b>	<b>293</b>	<b>34</b>	<b>18</b>	<b>147</b>	<b>28</b>	<b>66</b>
**Note: Preclosure safety is not considered a Key Technical Issue, but is listed as a topic of interest to the NRC.						



YUCCA MOUNTAIN PROJECT

# Key Technical Agreement Item Response Process Improvements

- **Self-assessments**
- **Implemented process improvements for preparation and delivery of KTI agreement responses**
  - More rigorous DOE/BSC planning process
  - Templates for format and content of submittals
  - Ongoing DOE/NRC technical staff discussion
    - ◆ Proposal for summary teleconference discussion of proposed KTI agreement responses by functional area
- **Self-assessment on USFIC 5.05/RT 2.09 response initiated**



# Conclusion

- **DOE will address all KTI agreements by the time of License Application**
- **DOE will keep NRC informed of any necessary changes to KTI agreement schedule**
- **Appendix 7 meetings or Technical Exchanges will be scheduled as appropriate**

