



Department of Energy
Office of Civilian Radioactive Waste Management
Office of Repository Development
1551 Hillshire Drive
Las Vegas, NV 89134-6321

QA: N/A
Project No. WM-00011

NOV 28 2003

OVERNIGHT MAIL

ATTN: Document Control Desk
Chief, High-Level Waste Branch, DWM/NMSS
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

KEY TECHNICAL ISSUE (KTI) AGREEMENT RESPONSE SCHEDULE

References: (1) Ltr, Ziegler to Schlueter, dtd 6/23/03
(2) Ltr, Schlueter to Ziegler, dtd 10/29/03
(3) Ltr, Schlueter to Ziegler, dtd 10/21/03

This letter transmits a revised schedule for the U.S. Department of Energy (DOE) delivery of responses to the remaining KTI agreements and "Additional Information Needs" (AIN). This schedule supercedes the schedule previously sent to the U.S. Nuclear Regulatory Commission (NRC) in Reference 1.

Consistent with our recent KTI agreement submittals, the majority of the remaining KTI agreement responses are organized into response groups that correlate to the relevant parts of the Yucca Mountain Project postclosure analysis. Each response group will be submitted with a technical basis document, which summarizes the current conceptional understanding of the technical area. In some cases, the response group consists of subgroups of responses to be submitted at different times. Also, a small number of the remaining KTI agreements and AINs are expected to be submitted as individual responses. Enclosures 1, 2 and 3 identify the remaining KTI agreement and AIN responses and their planned delivery dates to the NRC. Enclosure 1 presents this information by KTI agreement number, Enclosure 2 by group, and Enclosure 3 by schedule date to NRC.

Although the schedule for any individual agreement response may have changed, significant improvement has been made in the overall schedule. The agreements that NRC considers to have "high-risk significance" along with other agreements previously scheduled to be submitted in fiscal year (FY) 2005 have been accelerated into FY 2004 (see Enclosure 4, June 2003 and November 2003 KTI Agreement Response Schedules). For the three "high-risk significance" agreements that were previously shown to complete after the anticipated submittal of the License Application (Container Life and Source Term (CLST) 1.04, 2.04, and 2.05), DOE now anticipates information to be available to submit complete responses in April 2004.

*NM 5507
wm 11*

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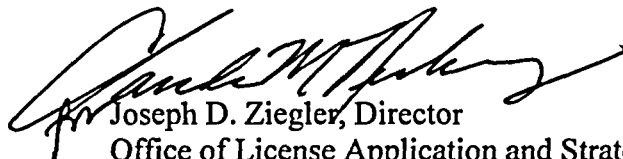
The NRC evaluation of CLST 5.04, Evolution of Near-Field Environment 5.03, and Radionuclide Transport 4.03 response, received on November 12, 2003 (Reference 2), is currently under review by DOE. The NRC evaluation stated that these agreements are considered only partially received, and also requested additional information. DOE will provide a response to your letter, with specific dates to re-address these agreements.

Remaining agreements will be addressed by August 2004 except Preclosure 7.04 AIN-1, received on October 27, 2003, which will be addressed in the License Application, consistent with the expectations of the NRC as expressed in Reference 3.

The DOE welcomes opportunities to discuss its technical approach to addressing the KTI agreements and AINs as the NRC staff finds necessary, and is prepared to schedule public interactions in that regard at the mutual convenience of DOE and NRC.

The enclosed information represents new DOE commitment dates for delivery of the responses to the remaining KTI agreements and AINs.

Please direct any questions regarding this letter to Timothy C. Gunter at (702)-794-1343.



Joseph D. Ziegler, Director
Office of License Application and Strategy

OLA&S:TCG-0264

Enclosures:

1. Revised KTI Agreement Response Schedule
(Sorted by KTI Agreement)
2. Revised KTI Agreement Response Schedule
(Sorted by KTI response group and date
to NRC)
3. Revised KTI Agreement Response Schedule
(Sorted by date to NRC and KTI response
group)
4. June 2003 and November 2003
KTI Agreement Response Schedules

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cc w/encls:

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Enclosure 1

Revised KTI Agreement Response Schedule (sorted by KTI Agreement)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
CLST 1.02	Waste Pkg & Drip Shield Corrosion	May-04
CLST 1.03	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.04	Waste Pkg & Drip Shield Corrosion	Apr-04
CLST 1.06.AIN-1	Waste Pkg & Drip Shield Corrosion	May-04
CLST 1.07.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
CLST 1.08	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.09	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.10	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.11	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.12	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.13	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.14	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.15	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.16	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 2.01	Ungrouped	May-04
CLST 2.02	Waste Pkg & Drip Shield Corrosion	May-04
CLST 2.03.AIN-1	Waste Pkg & Drip Shield Corrosion	Jul-04
CLST 2.04	Waste Pkg & Drip Shield Corrosion	Apr-04
CLST 2.05	Waste Pkg & Drip Shield Corrosion	Apr-04
CLST 2.08	Waste Pkg & Drip Shield Corrosion	May-04
CLST 2.09	Waste Pkg & Drip Shield Corrosion	May-04
CLST 3.02.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.03.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.04.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.05	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.06.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.07	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.08.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.09.AIN-1	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
CLST 3.10	Low Probability Seismic Events	Mar-04
CLST 5.03	Criticality	Jun-04
CLST 5.05.AIN-1	Criticality	Jun-04

Enclosure 1

Revised KTI Agreement Response Schedule (sorted by KTI Agreement)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
CLST 6.01	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 6.02.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
CLST 6.03.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
ENFE 1.03.AIN-1	Water Seeping into Drifts	Jul-04
ENFE 1.04	Water Seeping into Drifts	Jul-04
ENFE 1.07.AIN-1	Ungrouped	May-04
ENFE 2.03	Unsaturated Zone Flow	Jun-04
ENFE 2.07.AIN-1	Ungrouped	Jun-04
ENFE 2.18	Ungrouped	Jun-04
ENFE 3.03	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
ENFE 3.04	In-pkg Environ, Wste Form, Degrdtn, & Solubltty	Apr-04
ENFE 4.02	Ungrouped	May-04
GEN 1.01	Ungrouped	Aug-04
IA 2.17	Volcanic Events	Aug-04
IA 2.18	Volcanic Events	Mar-04
PRE 3.01	Ungrouped	Apr-04
PRE.6.01.AIN-1	Ungrouped	May-04
PRE 7.01	Criticality	Mar-04
PRE 7.02	Ungrouped	Dec-03
PRE 7.03	Waste Pkg & Drip Shield Corrosion	Jul-04
PRE 7.04.AIN-1	Ungrouped	To be completed in the License Application
PRE 7.05	Waste Pkg & Drip Shield Corrosion	Jul-04
RDTME 2.01	Low Probability Seismic Events	Mar-04
RDTME 2.02	Low Probability Seismic Events	Mar-04
RDTME 3.02	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.03	Low Probability Seismic Events	Mar-04
RDTME 3.04	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.05	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.06	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.07	Ungrouped	Jul-04
RDTME 3.08	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.09	Mechanical Degradation & Seismic Effects	Jun-04

Enclosure 1

Revised KTI Agreement Response Schedule (sorted by KTI Agreement)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
RDTME 3.10	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.11	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.12	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.13	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.14	Ungrouped	Jan-04
RDTME 3.15	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.16	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.17	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.18	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
RDTME 3.19	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.20	Water Seeping into Drifts	Jul-04
RDTME 3.21	Water Seeping into Drifts	Jul-04
RT 1.01	Unsaturated Zone Flow	May-04
RT 1.02	Unsaturated Zone Transport	Apr-04
RT 3.01	Unsaturated Zone Transport	Apr-04
RT 3.02	Unsaturated Zone Flow	May-04
RT 3.04	Unsaturated Zone Transport	Apr-04
RT 3.05	Water Seeping into Drifts	Jul-04
RT 3.10	Unsaturated Zone Transport	Apr-04
SDS 2.01.AIN-1	Low Probability Seismic Events	Mar-04
SDS 2.02	Low Probability Seismic Events	Mar-04
SDS 2.04.AIN-1	Low Probability Seismic Events	Mar-04
SDS 3.01 & SDS 3.01.AIN-1	Water Seeping into Drifts	Jul-04
TEF 2.05	In-drift Chemical Environment	Jul-04
TEF 2.07	Ungrouped	Jan-04
TEF 2.10.AIN-1	Water Seeping into Drifts	Jul-04
TEF 2.11	Unsaturated Zone Flow	May-04
TEF 2.12	Unsaturated Zone Flow	May-04
TEF 2.13. AIN-1	Unsaturated Zone Flow	May-04
TSPAI 1.02	Barrier Capablt/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 2.01	Features, Events, and Processes	Jun-04
TSPAI 2.02	Features, Events, and Processes	Jun-04

Enclosure 1

Revised KTI Agreement Response Schedule (sorted by KTI Agreement)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
TSPAI 2.03	Features, Events, and Processes	Jun-04
TSPAI 2.04	Features, Events, and Processes	Jun-04
TSPAI 2.07	Features, Events, and Processes	Jun-04
TSPAI 3.01	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.03.AIN-1	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.04	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.05	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.06	Low Probability Seismic Events	Mar-04
TSPAI 3.07	Water Seeping into Drifts	Jul-04
TSPAI 3.08	In-pkg Environ, Wste Form, Degrtn, & Solubly	Apr-04
TSPAI 3.10	In-drift Chemical Environment	Jul-04
TSPAI 3.11	Water Seeping into Drifts	Jul-04
TSPAI 3.14	In-pkg Environ, Wste Form, Degrtn, & Solubly	Apr-04
TSPAI 3.16	Ungrouped	Jun-04
TSPAI 3.18.AIN-1	Climate and Infiltration	Apr-04
TSPAI 3.19.AIN-1	Climate and Infiltration	Apr-04
TSPAI 3.21.AIN-1	Climate and Infiltration	Apr-04
TSPAI 3.22.AIN-1	Unsaturated Zone Flow	May-04
TSPAI 3.24	Unsaturated Zone Flow	May-04
TSPAI 3.26	Unsaturated Zone Flow	May-04
TSPAI 3.27	Unsaturated Zone Flow	May-04
TSPAI 3.28	Unsaturated Zone Transport	Apr-04
TSPAI 3.29	Unsaturated Zone Transport	Apr-04
TSPAI 3.37	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 3.38.AIN-1	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 3.39.AIN-1	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 3.41.AIN-1	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.01.AIN-1	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.03 & TSPAI 4.03.AIN-1	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.04	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.06	Barrier Capabty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.07.AIN-1	Ungrouped	Jan-04

Enclosure 1

Revised KTI Agreement Response Schedule (sorted by KTI Agreement)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
USFIC 3.01.AIN-1	Climate and Infiltration	Apr-04
USFIC 3.02.AIN-1	Climate and Infiltration	Apr-04
USFIC 4.04	Unsaturated Zone Flow	Jun-04
USFIC 6.03	Water Seeping into Drifts	Jul-04

Note 1 - The response to this KTI agreement was originally scheduled for submittal to NRC in October 2003.

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
<i>I. Climate and Infiltration</i>	
TSPAI 3.18.AIN-1	Apr-04
TSPAI 3.19.AIN-1	Apr-04
TSPAI 3.21.AIN-1	Apr-04
USFIC 3.01.AIN-1	Apr-04
USFIC 3.02.AIN-1	Apr-04
<i>II. Unsaturated Zone Flow</i>	
<i>Group A KTIs</i>	
RT 1.01	May-04
RT 3.02	May-04
TEF 2.11	May-04
TEF 2.12	May-04
TEF 2.13.AIN-1	May-04
TSPAI 3.22.AIN-1	May-04
TSPAI 3.24	May-04
TSPAI 3.26	May-04
TSPAI 3.27	May-04
<i>Group B KTIs</i>	
ENFE 2.03	Jun-04
USFIC 4.04	Jun-04
<i>III. Water Seeping into Drifts</i>	
<i>Group B KTIs</i>	
ENFE 1.03.AIN-1	Jul-04
ENFE 1.04	Jul-04
RDTME 3.20	Jul-04
RDTME 3.21	Jul-04
RT 3.05	Jul-04
SDS 3.01 & SDS 3.01.AIN-1	Jul-04
TEF 2.10.AIN-1	Jul-04

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
TSPAI 3.07	Jul-04
TSPAI 3.11	Jul-04
USFIC 6.03	Jul-04
<i>IV. Mechanical Degradation and Seismic Effects</i>	
<i>Group A KTIs</i>	
RDTME 3.05	Mar-04
RDTME 3.06	Mar-04
RDTME 3.15	Mar-04
RDTME 3.16	Mar-04
RDTME 3.17	Mar-04
RDTME 3.19	Mar-04
<i>Group B KTIs</i>	
RDTME 3.02	Jun-04
RDTME 3.04	Jun-04
RDTME 3.08	Jun-04
RDTME 3.09	Jun-04
RDTME 3.10	Jun-04
RDTME 3.11	Jun-04
RDTME 3.12	Jun-04
RDTME 3.13	Jun-04
<i>V. In-drift Chemical Environment</i>	
<i>Group B KTIs</i>	
TEF 2.05	Jul-04
TSPAI 3.10	Jul-04
<i>VI. Waste Package and Drip Shield Corrosion</i>	
<i>Group A KTIs</i>	
CLST 1.07.AIN-1	Dec-03
CLST 1.12	Dec-03 (Note 1)
CLST 1.13	Dec-03 (Note 1)

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
CLST 1.14	Dec-03 (Note 1)
CLST 1.15	Dec-03 (Note 1)
CLST 1.16	Dec-03 (Note 1)
CLST 6.02.AIN-1	Dec-03
CLST 6.03.AIN-1	Dec-03
RDTME 3.18	Dec-03 (Note 1)
<i>Group B KTIs</i>	
CLST 1.02	May-04
CLST 1.06.AIN-1	May-04
CLST 2.02	May-04
CLST 2.08	May-04
CLST 2.09	May-04
TSPAI 3.01	May-04
TSPAI 3.03.AIN-1	May-04
TSPAI 3.04	May-04
TSPAI 3.05	May-04
<i>Group C KTIs</i>	
CLST 1.03	Jun-04
CLST 1.08	Jun-04
CLST 1.09	Jun-04
CLST 1.10	Jun-04
CLST 1.11	Jun-04
CLST 6.01	Jun-04
<i>Group D KTIs (Related to Testing)</i>	
CLST 1.04	Apr-04
CLST 2.04	Apr-04
CLST 2.05	Apr-04
<i>Group E KTIs (Related to Design)</i>	
CLST 2.03.AIN-1	Jul-04
PRE 7.03	Jul-04
PRE 7.05	Jul-04

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
<i>VII. In-package Environment, Waste Form Degradation and Solubility</i>	
CLST 3.02.AIN-1	Apr-04
CLST 3.03.AIN-1	Apr-04
CLST 3.04.AIN-1	Apr-04
CLST 3.05	Apr-04
CLST 3.06.AIN-1	Apr-04
CLST 3.07	Apr-04
CLST 3.08.AIN-1	Apr-04
CLST 3.09.AIN-1	Apr-04
ENFE 3.03	Apr-04
ENFE 3.04	Apr-04
TSPAI 3.08	Apr-04
TSPAI 3.14	Apr-04
<i>VIII. Colloids</i>	
All Associated KTIs Submitted	
<i>IX. Engineered Barrier System Transport</i>	
No Associated KTIs	
<i>X. Unsaturated Zone Transport</i>	
RT 1.02	Apr-04
RT 3.01	Apr-04
RT 3.04	Apr-04
RT 3.10	Apr-04
TSPAI 3.28	Apr-04
TSPAI 3.29	Apr-04

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
<i>XI. Saturated Zone Flow and Transport</i>	
All Associated KTIs Submitted	
<i>XII. Biosphere Transport</i>	
All Associated KTIs Submitted	
<i>XIII. Volcanic Events</i>	
IA 2.18	Mar-04
IA 2.17	Aug-04
<i>XIV. Low Probability Seismic Events</i>	
CLST 3.10	Mar-04
RDTME 2.01	Mar-04
RDTME 2.02	Mar-04
RDTME 3.03	Mar-04
SDS 2.01.AIN-1	Mar-04
SDS 2.02	Mar-04
SDS 2.04.AIN-1	Mar-04
TSPAI 3.06	Mar-04
<i>Barrier Capability / Total System Performance Assessment and Integration</i>	
TSPAI 1.02	Aug-04
TSPAI 3.37	Aug-04
TSPAI 3.38.AIN-1	Aug-04
TSPAI 3.39.AIN-1	Aug-04
TSPAI 3.41.AIN-1	Aug-04
TSPAI 4.01.AIN-1	Aug-04
TSPAI 4.03 & TSPAI 4.03.AIN-1	Aug-04
TSPAI 4.04	Aug-04
TSPAI 4.06	Aug-04

Enclosure 2

Revised KTI Agreement Response Schedule (sorted by response group and date to NRC)

<i>KTI Agreement</i>	<i>Date to NRC</i>
<i>Criticality</i>	
PRE 7.01	Mar-04
CLST 5.03	Jun-04
CLST 5.05.AIN-1	Jun-04
<i>Features, Events and Processes</i>	
TSPAI 2.01	Jun-04
TSPAI 2.02	Jun-04
TSPAI 2.03	Jun-04
TSPAI 2.04	Jun-04
TSPAI 2.07	Jun-04
<i>Ungrouped</i>	
PRE 7.02	Dec-03
RDTME 3.14	Jan-04
TEF 2.07	Jan-04
TSPAI 4.07.AIN-1	Jan-04
PRE 3.01	Apr-04
CLST 2.01	May-04
ENFE 1.07.AIN-1	May-04
ENFE 4.02	May-04
PRE 6.01.AIN-1	May-04
ENFE 2.18	Jun-04
ENFE 2.07.AIN-1	Jun-04
TSPAI 3.16	Jun-04
GEN 1.01	Aug-04
RDTME 3.07	Jul-04
PRE 7.04.AIN-1	To be completed in the License Application

Note 1 - The response to this KTI agreement was originally scheduled for submittal to NRC in October 2003.

Enclosure 3

Revised KTI Agreement Response Schedule (sorted by date to NRC and response group)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
PRE 7.02	Ungrouped	Dec-03
CLST 1.07.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
CLST 1.12	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.13	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.14	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.15	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 1.16	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
CLST 6.02.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
CLST 6.03.AIN-1	Waste Pkg & Drip Shield Corrosion	Dec-03
RDTME 3.18	Waste Pkg & Drip Shield Corrosion	Dec-03 (Note 1)
RDTME 3.14	Ungrouped	Jan-04
TEF 2.07	Ungrouped	Jan-04
TSPAI 4.07.AIN-1	Ungrouped	Jan-04
PRE 7.01	Criticality	Mar-04
CLST 3.10	Low Probability Seismic Events	Mar-04
RDTME 2.01	Low Probability Seismic Events	Mar-04
RDTME 2.02	Low Probability Seismic Events	Mar-04
RDTME 3.03	Low Probability Seismic Events	Mar-04
SDS 2.01.AIN-1	Low Probability Seismic Events	Mar-04
SDS 2.02	Low Probability Seismic Events	Mar-04
SDS 2.04.AIN-1	Low Probability Seismic Events	Mar-04
TSPAI 3.06	Low Probability Seismic Events	Mar-04
RDTME 3.05	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.06	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.15	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.16	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.17	Mechanical Degradation & Seismic Effects	Mar-04
RDTME 3.19	Mechanical Degradation & Seismic Effects	Mar-04
IA 2.18	Volcanic Events	Mar-04
USFIC 3.01.AIN-1	Climate and Infiltration	Apr-04
USFIC 3.02.AIN-1	Climate and Infiltration	Apr-04

Enclosure 3

Revised KTI Agreement Response Schedule (sorted by date to NRC and response group)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
TSPAI 3.18.AIN-1	Climate and Infiltration	Apr-04
TSPAI 3.19.AIN-1	Climate and Infiltration	Apr-04
TSPAI 3.21.AIN-1	Climate and Infiltration	Apr-04
CLST 3.02.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.03.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.04.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.05	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.06.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.07	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.08.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
CLST 3.09.AIN-1	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
ENFE 3.03	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
ENFE 3.04	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
TSPAI 3.08	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
TSPAI 3.14	In-pkg Environ, Wste Form, Degrdsn, & Solubly	Apr-04
PRE 3.01	Ungrouped	Apr-04
RT 1.02	Unsaturated Zone Transport	Apr-04
RT 3.01	Unsaturated Zone Transport	Apr-04
RT 3.04	Unsaturated Zone Transport	Apr-04
RT 3.10	Unsaturated Zone Transport	Apr-04
TSPAI 3.28	Unsaturated Zone Transport	Apr-04
TSPAI 3.29	Unsaturated Zone Transport	Apr-04
CLST 1.04	Waste Pkg & Drip Shield Corrosion	Apr-04
CLST 2.04	Waste Pkg & Drip Shield Corrosion	Apr-04
CLST 2.05	Waste Pkg & Drip Shield Corrosion	Apr-04
PRE.6.01.AIN-1	Ungrouped	May-04
CLST 2.01	Ungrouped	May-04
ENFE 1.07.AIN-1	Ungrouped	May-04
ENFE 4.02	Ungrouped	May-04
RT 1.01	Unsaturated Zone Flow	May-04
RT 3.02	Unsaturated Zone Flow	May-04

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Revised KTI Agreement Response Schedule (sorted by date to NRC and response group)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
TEF 2.11	Unsaturated Zone Flow	May-04
TEF 2.12	Unsaturated Zone Flow	May-04
TEF 2.13. AIN-1	Unsaturated Zone Flow	May-04
TSPAI 3.22.AIN-1	Unsaturated Zone Flow	May-04
TSPAI 3.24	Unsaturated Zone Flow	May-04
TSPAI 3.26	Unsaturated Zone Flow	May-04
TSPAI 3.27	Unsaturated Zone Flow	May-04
CLST 1.02	Waste Pkg & Drip Shield Corrosion	May-04
CLST 1.06.AIN-1	Waste Pkg & Drip Shield Corrosion	May-04
CLST 2.02	Waste Pkg & Drip Shield Corrosion	May-04
CLST 2.08	Waste Pkg & Drip Shield Corrosion	May-04
CLST 2.09	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.01	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.03.AIN-1	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.04	Waste Pkg & Drip Shield Corrosion	May-04
TSPAI 3.05	Waste Pkg & Drip Shield Corrosion	May-04
CLST 5.03	Criticality	Jun-04
CLST 5.05.AIN-1	Criticality	Jun-04
TSPAI 2.01	Features, Events, and Processes	Jun-04
TSPAI 2.02	Features, Events, and Processes	Jun-04
TSPAI 2.03	Features, Events, and Processes	Jun-04
TSPAI 2.04	Features, Events, and Processes	Jun-04
TSPAI 2.07	Features, Events, and Processes	Jun-04
RDTME 3.02	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.04	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.08	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.09	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.10	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.11	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.12	Mechanical Degradation & Seismic Effects	Jun-04
RDTME 3.13	Mechanical Degradation & Seismic Effects	Jun-04

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Revised KTI Agreement Response Schedule (sorted by date to NRC and response group)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
ENFE 2.07.AIN-1	Ungrouped	Jun-04
ENFE 2.18	Ungrouped	Jun-04
TSPAI 3.16	Ungrouped	Jun-04
ENFE 2.03	Unsaturated Zone Flow	Jun-04
USFIC 4.04	Unsaturated Zone Flow	Jun-04
CLST 1.03	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.08	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.09	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.10	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 1.11	Waste Pkg & Drip Shield Corrosion	Jun-04
CLST 6.01	Waste Pkg & Drip Shield Corrosion	Jun-04
TEF 2.05	In-drift Chemical Environment	Jul-04
TSPAI 3.10	In-drift Chemical Environment	Jul-04
CLST 2.03.AIN-1	Waste Pkg & Drip Shield Corrosion	Jul-04
PRE 7.03	Waste Pkg & Drip Shield Corrosion	Jul-04
PRE 7.05	Waste Pkg & Drip Shield Corrosion	Jul-04
ENFE 1.03.AIN-1	Water Seeping into Drifts	Jul-04
ENFE 1.04	Water Seeping into Drifts	Jul-04
RDTME 3.20	Water Seeping into Drifts	Jul-04
RDTME 3.21	Water Seeping into Drifts	Jul-04
RT 3.05	Water Seeping into Drifts	Jul-04
SDS 3.01 & SDS 3.01.AIN-1	Water Seeping into Drifts	Jul-04
TEF 2.10.AIN-1	Water Seeping into Drifts	Jul-04
TSPAI 3.07	Water Seeping into Drifts	Jul-04
TSPAI 3.11	Water Seeping into Drifts	Jul-04
USFIC 6.03	Water Seeping into Drifts	Jul-04
RDTME 3.07	Ungrouped	Jul-04
TSPAI 3.37	Barrier Capablt/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 3.38.AIN-1	Barrier Capablt/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 3.39.AIN-1	Barrier Capablt/Totl Syst Perf Assessmt & Intgrtn	Aug-04

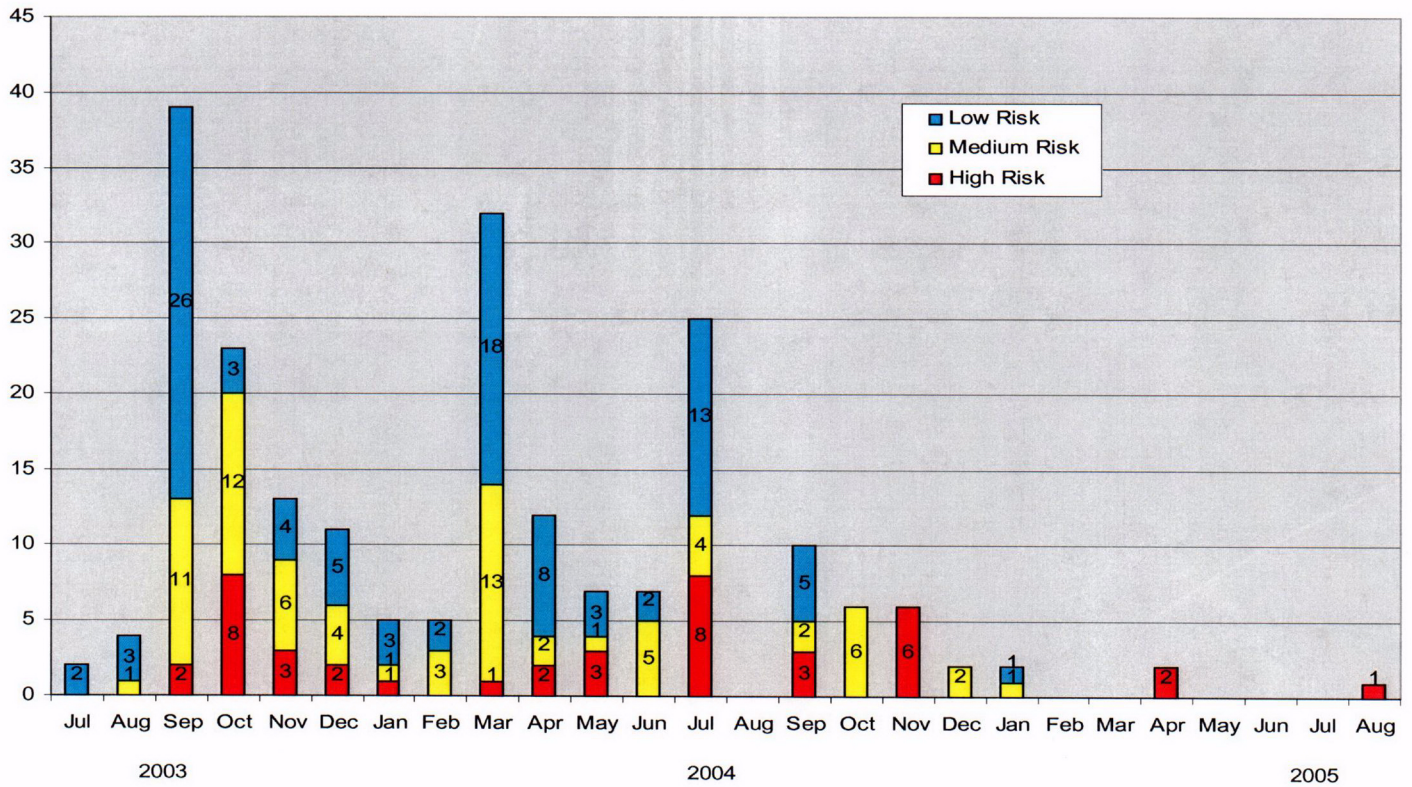
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Revised KTI Agreement Response Schedule (sorted by date to NRC and response group)

<i>KTI Agreement</i>	<i>Response Group</i>	<i>Date to NRC</i>
TSPAI 3.41.AIN-1	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.01.AIN-1	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.03 & TSPAI 4.03.AIN-1	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.04	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 4.06	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
TSPAI 1.02	Barrier Capabltty/Totl Syst Perf Assessmt & Intgrtn	Aug-04
GEN 1.01	Ungrouped	Aug-04
IA 2.17	Volcanic Events	Aug-04
PRE 7.04.AIN-1	Ungrouped	To be completed in the License Application

Note 1 - The response to this KTI agreement was originally scheduled for submittal to NRC in October 2003.

June 03 KTI Agreement Response Schedule



Nov 03 KTI Agreement Response Schedule

