

**DOE-NRC Technical Exchange Meeting Agenda
CONTAINER LIFE AND SOURCE TERM KTI
9960 Covington Cross (M&O Complex in Summerlin), Room 915, Las Vegas, Nevada
September 12 and 13, 2000**

Objective: Provide the basis to resolve open issues related to the Container Life and Source Term (CLST) Key Technical Issue (KTI)

Scope: Describe the basis to resolve open items related to the CLST KTI and reach agreement on the path forward. Describe how DOE has addressed items presented at the April 25-26, 2000 Key Technical Issues Technical Exchange.

Times are approximate because the agenda items are expected to provide a framework for wider ranging discussions. Time allotted for each presentation includes time for the DOE presentation and time for accompanying discussion.

Tuesday, September 12, 2000

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| 8:00 – 8:20 AM | Introduction/Objectives/Logistics
Purpose of the interaction |
| 8:20 – 8:40 AM | Key Technical Issue for Container Life and Source Term – Summary of Status from DOE Perspective (Russell) |
| 8:40 – 10:40 AM | Subissues 3 and 4: Joint discussion

Subissue 3: The rate at which radionuclides in spent nuclear fuel are released from the engineered barrier subsystem through the oxidation and dissolution of spent fuel <ul style="list-style-type: none">• DOE Presentation (Stockman)• Discussion
Subissue 4: The rate at which radionuclides in high-level waste glass are released from the engineered barrier subsystem <ul style="list-style-type: none">• DOE Presentation (Stockman)• Discussion |
| 10:40 – 10:55 AM | BREAK |
| 10:55 – 11:55 AM | Caucus on Subissues 3 and 4 |
| 11:55 – 12:40 PM | DOE-NRC Discussion of Resolution Status |
| 12:40 – 1:40 PM | LUNCH |
| 1:40 – 2:40 PM | Subissue 2: The effects of phase instability of materials and initial defects on the mechanical failure and lifetime of the containers <ul style="list-style-type: none">• DOE Presentation (Lee/Bennett)• Discussion |

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2:40 – 3:40 PM	Subissue 6: The effects of alternate engineered barrier subsystem design features on container lifetime and radionuclide release from the engineered barrier subsystem <ul style="list-style-type: none">• DOE Presentation (Gordon)• Discussion
3:40 – 3:55 PM	BREAK
3:55 – 4:55 PM	Caucus on Subissues 2 and 6
4:55 – 5:40 PM	DOE-NRC Discussion of Resolution Status
5:40 – 6:00 PM	Closing Comments
6:00 PM	Adjourn first day

Wednesday, September 13, 2000

8:00 – 10:00 AM	Subissue 1: The effects of corrosion processes on the lifetime of the containers <ul style="list-style-type: none">• DOE Presentation (Gordon)• Discussion
10:00 – 10:15 AM	BREAK
10:15 – 11:15 AM	Caucus on Subissue 1
11:15 – 12:15 PM	LUNCH
12:15 – 1:15 PM	DOE-NRC Discussion of Resolution Status
1:15 – 2:00 PM	Closing Comments
2:00 PM	Adjourn Technical Exchange