

WM-11



A FAX FROM THE:

**U.S. NUCLEAR REGULATORY COMMISSION**  
DIVISION OF WASTE MANAGEMENT  
Onsite Licensing Representatives Office  
Las Vegas, Nevada

DATE: June 10, 2003

TO: Janet Schlueter, NRC

FAX: 301-415-5399

FROM: Jack Parrott, NRC

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SUBJECT: BSC schedule for delivery of FY03 agreements.

NOTE: FY04 and FY05 schedule omitted per DOE request.

Number of pages excluding cover sheet: 4

**PLEASE EXPEDITE DELIVERY**

NMSS07





JUN 06 2003

QA: N/A

Joseph D. Ziegler, Acting Director  
 Office of License Application and Strategy  
 U.S. Department of Energy  
 Office of Civilian Radioactive Waste Management  
 Office of Repository Development  
 P.O. Box 364629  
 North Las Vegas, NV 89036-8629

**CONTRACT NO. DE-AC28-01RW12101 – FISCAL YEAR (FY) 2003-2005 KEY  
 TECHNICAL ISSUE (KTI) AGREEMENT ITEM RESPONSE SCHEDULE**

1. Reference: Ltr, Williams to Ziegler, dtd 5/30/03, Log # 0530037506
2. Reference: Ltr, Mitchell to Arthur, dtd 5/30/03, Log # 0527037448
3. Reference: Ltr, Williams to Ziegler, dtd 11/7/02, Log # 1104024970

Enclosures 1 and 2 are the Bechtel SAIC Company, LLC (BSC) schedule for delivery of responses to KTI agreement items and known U.S. Nuclear Regulatory Commission (NRC) "Additional Information Needed" (AINs) from this point through FY 2005. Enclosure 1 provides schedule dates for all FY 2003 – 2005 KTIs that are ungrouped. Enclosure 2 provides schedule dates for KTIs grouped for delivery in FY 2003. These responses will address the 215 KTI agreement items that the NRC has stautused as "not complete." Our accounting is as follows:

• Complete KTI Agreement Items	78
• KTI Agreement Items Owed to NRC	173
• AINs	32
• In NRC review	<u>10</u>
• Total KTI Agreement Items	293

Enclosure 2 is an update to the FY 2003 KTI Schedule Table presented in References 1 and 2. Enclosure 2 identifies 59 KTI agreement items that have been grouped into subject areas correlating to their relevant parts of the Yucca Mountain Project postclosure licensing case as discussed in Reference 1. These items will be addressed in the context of that licensing case and will be scheduled as baseline milestones in the Integrated Project Schedule.

The remaining 109 KTIs and 38 AINs (FYs 2003-2005) are currently scheduled for individual submittal but will be evaluated for either inclusion in a KTI group or combination with other related, but ungrouped, KTIs or AINs. To the extent practical, the schedule reflects a leveled workload consistent with the need for flexibility discussed in Reference 3.

JUN 06 2003

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Page 2

We are ready to assist you in any way that will be beneficial to the Project. Please contact Donald Beckman at (702) 295-4358 or Mark Wisenburg at (702) 295-3952 for any additional information you may require.



Nancy H. Williams  
Manager of Projects

6-6-03  
Date Signed

MW:cg - 0606037593

## Enclosures:

1. Fiscal Year 2003 - 2005 Ungrouped KTI Schedule Table
2. Fiscal Year 2003 Grouped KTI Schedule Table

## cc:

R. W. Andrews, BSC, Las Vegas, NV  
D. A. Beckman, BSC, Las Vegas, NV  
S. J. Cereghino, BSC, Las Vegas, NV  
T. C. Gunter, DOE, Las Vegas, NV  
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Enclosure 2  
Fiscal Year 2003  
Grouped KTI Schedule Table

6/6/2003

KTI Group	KTI Date to DOE	KTI	Total KTIs Forecast
<b>Process 1. Water entering Yucca Mtn</b>			0
<b>Process 2. Water flowing to repository &amp; flow focusing</b>			0
<b>Process 3. Water seeping into drifts</b>			3
	Sep-03	TSPAI 3.07	
		TSPAI 3.25	
		USFIC 4.06	
<b>Process 4 &amp; 5 Thermal effect on water and water chemistry flowing into drift &amp; Evaporation &amp;</b>			14
	Sep-03	CLST 1.01	
		ENFE 1.05	
		ENFE 2.04	
		ENFE 2.05	
		ENFE 2.06	
		ENFE 2.09	
		ENFE 2.10	
		ENFE 2.11	
		ENFE 2.13	
		ENFE 2.14	
		ENFE 2.15	
		ENFE 2.17	
		TSPAI 3.12	
		TSPAI 3.13	
<b>Processes 7, 8 Drip shield/waste package corrosion</b>			7
	Sep-03	CLST 1.12	
		CLST 1.13	
		CLST 1.14	
		CLST 1.15	
		CLST 1.16	
		CLST 6.01	
		RDTME 3.18	
<b>Processes 9, 10, 11, 12 Colloids (Developed in</b>			8
	Aug-03	ENFE 1.06	
		ENFE 4.03	
		ENFE 4.04	
		ENFE 4.06	
		RT 3.07	
		TSPAI 3.17	
		TSPAI 3.30	
		TSPAI 3.42	

Enclosure 2  
Fiscal Year 2003  
Grouped KTI Schedule Table

6/6/2003

<b>Process 17. Saturated zone flow and transport</b>				<b>18</b>	
Aug-03				RT 1.05	
				RT 2.01	
				RT 2.02	
				RT 2.06	
				RT 2.07	
				RT 2.08	
				RT 2.10	
				RT 3.03	
				TSPAI 3.31	
				TSPAI 3.32	
				TSPAI 4.02	
				USFIC 5.01	
				USFIC 5.02	
				USFIC 5.04	
				USFIC 5.06	
				USFIC 5.08	
USFIC 5.10					
USFIC 5.12					
<b>Process 18. Biosphere Transport</b>				<b>6</b>	
Aug-03				IA 2.11	
				IA 2.14	
				IA 2.15	
				TSPAI 3.33	
				TSPAI 3.34	
				TSPAI 3.35	
<b>Process 19 Low probability/unanticipated volcanic and</b>				<b>3</b>	
Sep-03				IA 2.18	
				IA 2.19	
				IA 2.20	
<b>Total</b>				<b>59</b>	