



Appendix A

Table 1 – Research Tasks

There are tasks 20 that can be considered 'research' in nature. Those tasks are:

Task ID	Description
ORD-FY04-003	Geodetic Monitoring of the Yucca Mtn Region
ORD-FY04-004	Bomb-Pulse Chlorine-36
ORD-FY04-005	Groundwater Monitoring
ORD-FY04-006	Seismic Monitoring
ORD-FY04-007	Precipitation Monitoring
ORD-FY04-008	Long Baseline Laser Strainmeter...
ORD-FY04-010	Chemical Analysis
ORD-FY04-011	Chemical Analyses for Alcove 8/Niche 3 Tracer Studies
ORD-FY04-012	YM Climate Tech Support Rep.
ORD-FY04-013	Influence of Lithophysal Geometry and Distribution.....
ORD-FY04-014	Environmental Effects on Corrosion Properties of Alloy 22
ORD-FY04-015	Phase Stability and Segregation in Alloy 22 Base Metal and Weldments
ORD-FY04-016	Geostatistical and Stochastic Study of Radionuclide Transport
ORD-FY04-017	Carbon 14 Groundwater Analyses
ORD-FY04-018	Groundwater Flow and Thermal Modeling to Support a Preferred Conceptual Model for the.....
ORD-FY04-019	Sub-surface Corrosion Research on Rock Bolt System, Perforated SS Sheets and Steel Sets.....
ORD-FY04-020	Precarious Rock Methodology for Seismic Hazards



ORD-FY04-021	Long-Term Mechanical Behavior of Yucca Mountain Tuffs, and its Variability
ORD-FY06-022	Extreme Ground Motion Studies
ORD-FY06-023	Second Generation Waste Package Design Study

Table 2 – Administrative Tasks

There are 3 that can be considered administrative in nature. Those tasks are:

Task ID	Description
ORD-FY04-001	Yucca Mountain Cooperative Agreement Administration
ORD-FY04-002	NSHE Quality Assurance Program
ORD-FY04-009	Interlibrary Loan Support for Yucca Mountain Technical Information Center



Table 3 – Number of symposiums or conferences where research type tasks were presented to an audience other than DOE.

Interpretation	Number of Symposiums that research task was presented		Symposiums Occurrence Grouping	Total Presentations	Percentage of Tasks	Percentage of Symposiums Total
7 tasks did not present.	0	X	7	0	35%	0%
5 tasks presented 2 times each	2	X	5	10	25%	14%
2 task presented 3 times each	3	X	2	6	10%	9%
1 task was presented 4 times	4	X	1	4	5%	6%
3 tasks presented 5 times each	5	X	3	15	15%	21%
1 task presented 11 times	11	X	1	11	5%	16%
1 task presented 24 times	24	X	1	25	5%	34%
			Number of Tasks 20	70	Total 100%	



Tasks Presented at Symposiums

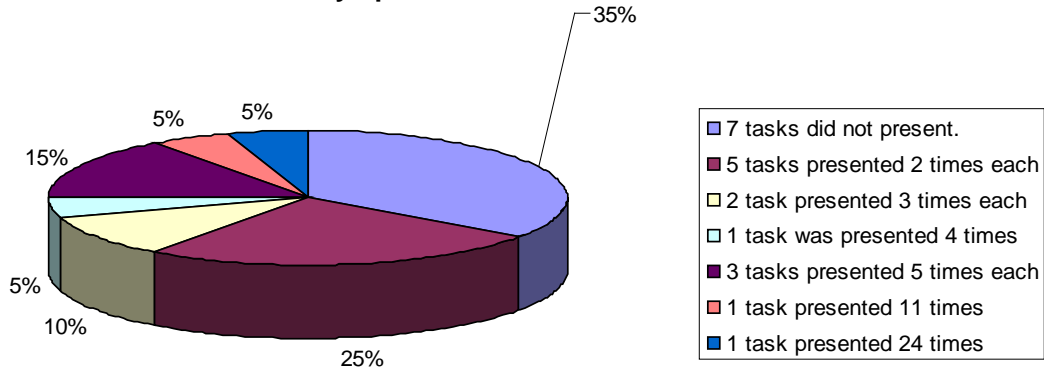




Table 4 – The number of times tasks were presented to DOE?

Interpretation	Number of Presentations to DOE		Number of Presentation Occurrence Groupings	Totals Presentations	Task Percentage	Percent of DOE presentation Total
3 tasks never presented	0	X	3	0	15%	0%
7 tasks were presented 1 time each	1	X	7	7	35%	19%
5 tasks presented 2 times each	2	X	5	10	25%	27%
2 tasks presented 3 times each	3	X	2	6	10%	16%
2 tasks presented 2 times each	4	X	2	8	10%	22%
1 task presented 6 times	6	X	1	6	5%	16%
			Number of Tasks 20	37	100%	100%
Average 6		Highest 10			Minimum 0	



Tasks Presented to DOE

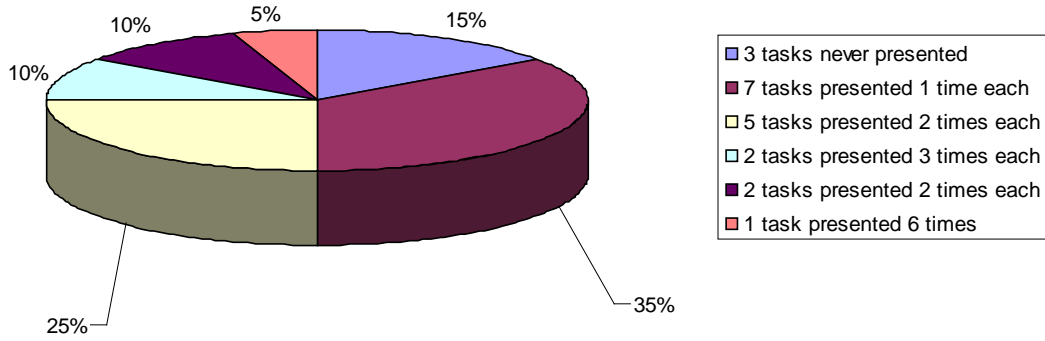




Table 5 – The number of times Principal Investigators met with DOE in relation to their tasks.

Interpretation	Number of Times PI Met with DOE		Occurrence Groupings	Total PI times met with DOE on tasks	Percentage of Tasks	Percent of PI that met with DOE Total
1 task PI did not meet with DOE	0	X	1	0	5%	0%
3 task PIs met with DOE at 1 time each about their task.	1	X	3	3	15%	2%
3 task PIs met with DOE 2 times each about their task.	2	X	3	6	15%	3%
2 task PIs met with DOE at 3 times each about their task.	3	X	2	6	10%	3%
3 task PIs met with DOE 4 times each about their task.	4	X	3	12	15%	7%
2 task PIs met with DOE 5 times each about their task.	5	X	2	10	10%	6%
2 task PIs met with DOE 6 times each about their task.	6	X	2	12	10%	7%
1 task PIs met with DOE 8 times about their task.	8	X	1	8	5%	5%
2 task PIs met with DOE 10 times each about their task.	10	X	2	20	10%	11%
1 task PI met with DOE 100 times about their task.	100	X	1	100	5%	56%
			Total Tasks 20	177	100%	100%
Average 18		Highest 100			Minimum 0	

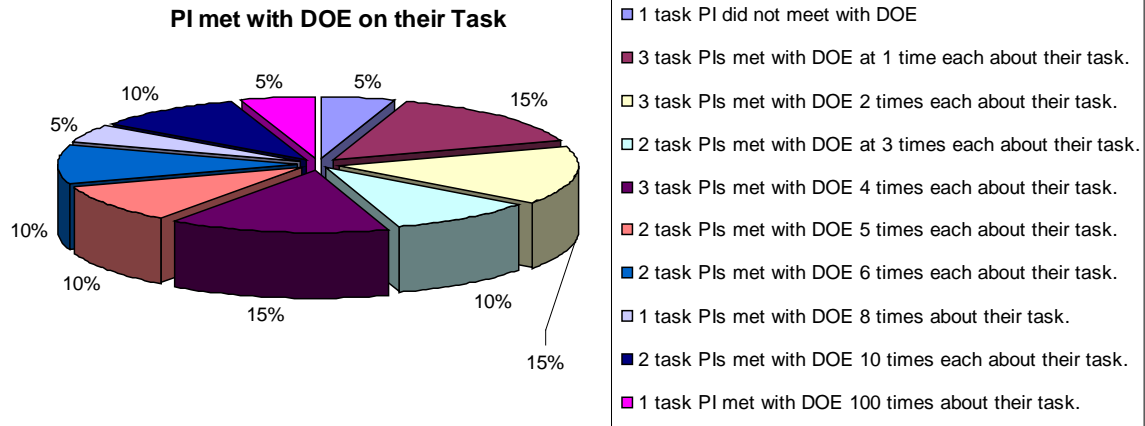




Table 6 – The number of DOE project meetings attended in relation to this task.

Interpretation	Number of DOE Meetings attended by PI		Number of Occurrence Groupings	Total DOE project meeting attended	Percentage of Task	Percent of DOE Meeting Attended Total
9 PIs did not attend any DOE meeting in relation to their task.	0	X	9	0	45 %	0%
1 PI attended 1 DOE meeting for their.	1	X	1	1	5%	2%
2 PIs attended 2 DOE meeting each for their task.	2	X	2	4	10%	10%
1 PI attended 3 DOE meetings for their task.	3	X	1	3	5%	7%
4 PIs attended 4 DOE meetings each for their task	4	X	4	16	20%	39%
2 PIs attended 5 DOE meetings each for their task	5	X	2	10	10%	24%
1 PI attended 1 DOE meeting for their task.	7	X	1	7	5%	17%
			Total Tasks 20	41	100%	100%
Average 6		Highest 16			Minimum 0	



DOE Project Meetings Attended

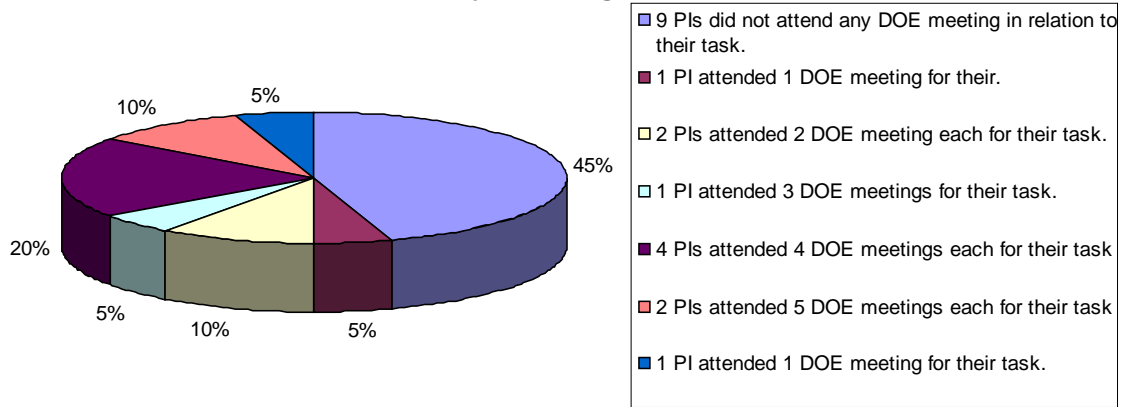




Table 7 Formal Task Change Requests related to task Scope, Schedule, and Cost

Interpretation	# of Scope Change Requests		Occurrences Groupings		Percent of SCOPE change Total
Twenty tasks did not have formal change requests associated to them because of scope.	0	X	20		0%
Total formal scope changes 0			Total tasks 20		0%
Interpretation	# of Schedule Change Requests		Occurrences Groupings		Percent of Schedule Change Total
Fourteen tasks did not have formal change requests associated to them because of their schedule.	0	X	14		0%
Six tasks had 1 formal change request associated to each of them because of their schedule.	1	X	6		100%
Total formal schedule changes 6			Total tasks 20		100%
Interpretation	# of Cost Change Requests		Occurrences Groupings		Percent of Cost Change Total
Twelve tasks did not have formal change requests associated to them because of their cost.	0	X	12		0%
Six tasks had 1 formal change request associated to each of them because of cost.	1	X	6		60%
Two tasks had 2 formal change request associated to each of them because of cost.	2	X	2		40%



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Total formal change requests 10		Total Tasks 20		100%
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Table 8 - The number of times task was halted because of funding.

Interpretation	Number of Funding Haltings		Occurrence Groupings	Total tasks halted because of funding	Percentage of Tasks	Percent of Funding Halt Total	
10 tasks have had no funding haltings	0	X	10	0	50%	0%	
9 tasks have had 1 funding haltings each	1	X	9	9	45%	75%	
1 task have had 1 funding halting	3	X	1	3	5%	25%	
			Total tasks 20	12	100%	100	
Average 4		Highest 9			Minimum 0		

DOE Task Funding Issues

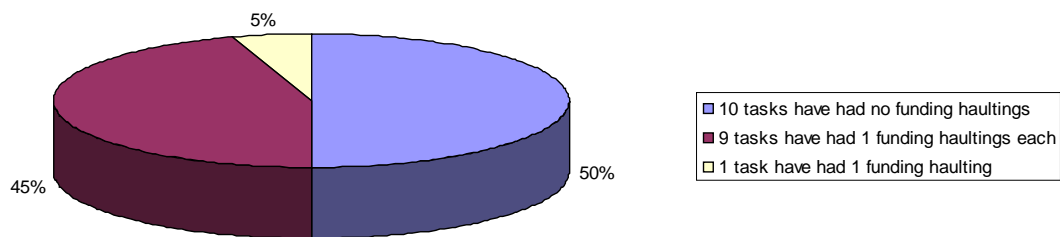
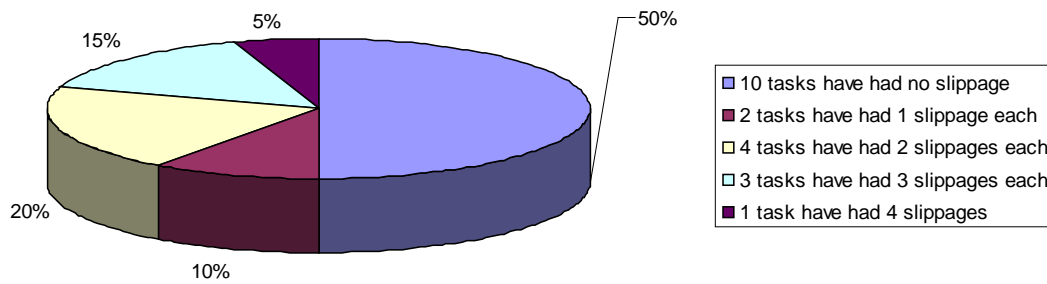




Table 9 – The number of times tasks slipped reporting deadlines.

Interpretation	Number of Task Slippage		Occurrence Groupings	Total tasks reporting slippages	Percentage of Tasks	Percent of Slippage Total	
10 tasks have had no slippage	0	X	10	0	50%	0%	
2 tasks have had 1 slippage each	1	X	2	2	10%	9%	
4 tasks have had 2 slippages each	2	X	4	8	20%	35%	
3 tasks have had 3 slippages each	3	X	3	9	15%	39%	
1 task have had 4 slippages	4	X	1	4	5%	17%	
			Total tasks 20	23	100	100	
Average 5		Highest 9			Minimum 0		

Task slippage of Reporting Deadline





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Table 10 – Task Financial Evaluation

Task ID	Planned Budget	Current Actual Cost	Remaining Balance	Percentage of Task Budget Used
ORD-FY04-001	\$2,203,449	\$1,140,194	\$1,063,255	52%
ORD-FY04-002	\$4,300,384	\$2,458,123	\$1,842,261	57%
ORD-FY04-003	\$8,656,182	\$5,414,226	\$3,241,956	63%
ORD-FY04-004	\$833,751	\$901,219	\$(67,468)	108%
ORD-FY04-005	\$1,245,934	\$727,180	\$518,754	58%
ORD-FY04-006	\$9,117,998	\$5,485,188	\$3,632,810	60%
ORD-FY04-007	\$800,564	\$484,816	\$315,748	61%
ORD-FY04-008	\$703,696	\$483,826	\$219,870	69%
ORD-FY04-009	\$540,444	\$64,178	\$476,266	12%
ORD-FY04-010	\$3,009,699	\$1,728,992	\$1,280,707	57%
ORD-FY04-011	\$343,667	\$170,046	\$173,621	49%
ORD-FY04-012	\$764,124	\$497,726	\$266,398	65%
ORD-FY04-013	\$649,538	\$584,629	\$64,909	90%
ORD-FY04-014	\$3,571,974	\$1,432,759	\$2,139,215	40%
ORD-FY04-015	\$1,393,958	\$563,396	\$830,562	40%
ORD-FY04-016	\$624,677	\$529,260	\$95,417	85%
ORD-FY04-017	\$280,420	\$210,000	\$70,420	75%
ORD-FY04-018	\$89,448	\$85,021	\$4,427	95%
ORD-FY04-019	\$2,413,749	\$1,129,231	\$1,284,518	47%
ORD-FY04-020	\$270,000	\$270,000	\$0	100%
ORD-FY04-021	\$1,292,000	\$428,836	\$863,164	33%



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ORD-FY06-022	\$200,000	\$100,000	\$100,000	50%
ORD-FY06-023	\$475,000	\$70,000	\$405,000	15%
23 Tasks	\$43,780,656	\$24,958,846	\$18,821,810	

Table 11 – Task Delivered Estimates

Task ID	Estimated Months	Actual Months	Status	Percentage
ORD-FY04-004	24	40	16 Months Over Estimate	67% Over
*ORD-FY04-009	60	14	46 Months Under Estimate	77% Under
*ORD-FY04-011	36	21	15 Months Under Estimate	42% Under
ORD-FY04-013	24	38	14 Months Over Estimate	58% Over
ORD-FY04-016	24	35	11 Months Over Estimate	46% Over
ORD-FY04-017	24	34	10 Months Over Estimate	42% Over
ORD-FY04-018	12	34	22 Months Over Estimate	183% Over
ORD-FY04-020	18	25	7 Months Over Estimate	39% Over
*ORD-FY04-021	60	19	41 Months Under Estimate	68% Under
9 Task			6 Task Over Estimate 3 Task Under Estimate	

* Task stopped by DOE.