

SUMMARY OF RISK-SIGNIFICANT RANKINGS FOR KTI AGREEMENTS

1. SCHEDULE OF AGREEMENTS WITH HIGH-RISK SIGNIFICANCE

Using the baseline of risk insights, U.S. Nuclear Regulatory Commission (NRC) staff has identified 41 of the 293 agreements as of high-risk significance. Table 1 summarizes the status of these 41 agreements. As Table 1 shows, four of these 41 agreements have been completed by the U.S. Department of Energy (DOE) and six are in process, whereas 31 have yet to be submitted as of May 2003.

Table 1. Status of Key Technical Issue (KTI) Agreements with High-Risk Significance

4	Completed
6	In Process
12	FY 2003
16	FY 2004
<u>3</u>	FY 2005
41	

Note: FY - fiscal year

NRC staff has also categorized the outstanding KTI agreements according to their anticipated technical difficulty. Technical difficulty encompasses the complexity of the issue or topic underlying the agreement and DOE's anticipated effort to address the agreement. Generally, the technical difficulty of a particular agreement is associated with the level of NRC staff effort required to review DOE's submittal for the agreement (e.g., review of agreements of high technical difficulty are anticipated to require a high level of NRC staff effort). Figure 1 shows DOE's anticipated schedule for the 31 agreements to be submitted over the remainder of this and the subsequent two fiscal years categorized by technical difficulty. NRC staff considers 13 of the 31 agreements yet to be submitted to have a high technical difficulty, 14 to have a medium technical difficulty, and four to have a low technical difficulty. Figure 1 shows that the high-risk-significant agreements are relatively evenly spaced up to the anticipated time of DOE's submittal of the license application, which is currently expected during the first quarter of FY 2005.

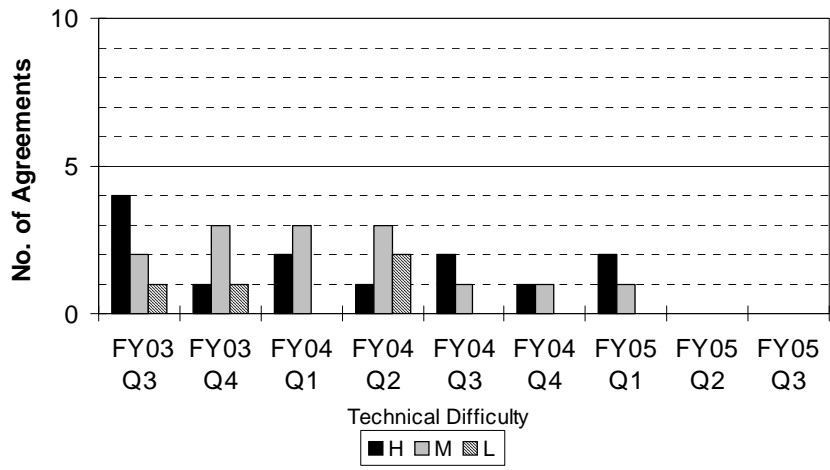


Figure 1. DOE's Schedule for Submittal of Remaining KTI Agreements with High-Risk Significance.

2. SCHEDULE OF AGREEMENTS WITH MEDIUM-RISK SIGNIFICANCE

NRC staff has identified 92 of the 293 agreements as medium risk-significance. Table 2 summarizes the status of these 92 agreements. As Table 2 shows, 20 of these 92 agreements have been completed by DOE and 15 are in process, whereas 57 have yet to be submitted as of May 2003. Additionally, Figure 2 shows DOE's anticipated schedule for the 57 agreements to be submitted over the remainder of this and the subsequent 2 FYs categorized by technical difficulty. NRC staff considers 18 of the 57 agreements yet to be submitted to have a high technical difficulty, 28 to have a medium technical difficulty, and 11 to have a low technical difficulty. The majority of the medium-risk-significant agreements are currently scheduled to be submitted by the second quarter of FY 2004.

Table 2. Status of KTI Agreements with Medium-Risk Significance

20	Completed
15	In Process
20	FY 2003
34	FY 2004
<u>3</u>	FY 2005
92	

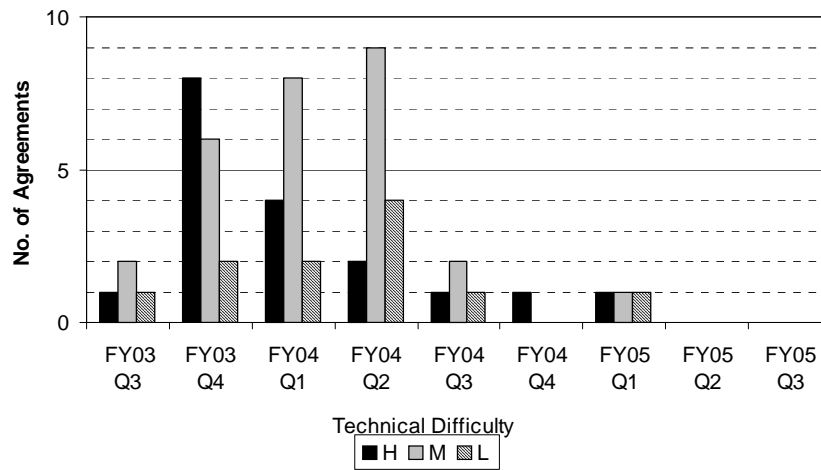


Figure 2. DOE's Schedule for Submittal of Remaining KTI Agreements with Medium-Risk Significance.

3. SCHEDULE OF AGREEMENTS WITH LOW-RISK SIGNIFICANCE

NRC staff has identified 160 of the 293 agreements as low-risk significance. Table 3 summarizes the status of these 160 agreements. As Table 3 shows, 55 of these 160 agreements have been completed by DOE and 35 are in process, whereas 70 have yet to be submitted, as of May 2003. Additionally, Figure 3 shows DOE's anticipated schedule for the 70 agreements to be submitted over the remainder of this and the subsequent 2 FYs categorized by technical difficulty. NRC staff considers four of the 70 agreements yet to be submitted to be of high technical difficulty, 34 to be of medium difficulty, and 32 to be of low technical difficulty. Similar to the medium-risk-significant agreements, the majority of the low-risk-significant agreements are currently scheduled to be submitted by the second quarter of FY 2004.

Table 3. Status of KTI Agreements with Low-Risk Significance.

55	Completed
35	In Process
20	FY 2003
43	FY 2004
<u>7</u>	FY 2005
160	

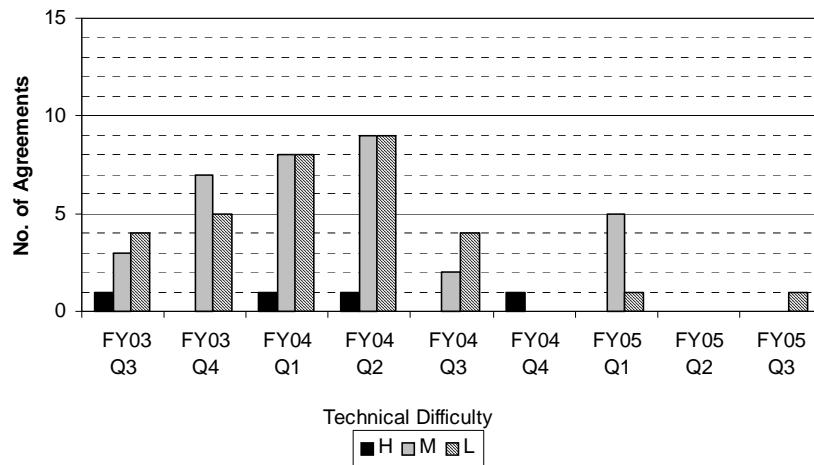


Figure 3. DOE's Schedule for Submittal of Remaining KTI Agreements with Low-Risk-Significance.