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Note to Homer Lowenberg

REVIEW OF REVISED DOE SUBMITTAL ON CRBR FUEL CYCLE SAFEGUARDS

The revised DOE submittal contains some of the additional information we asked for in the March 2, 1982 meeting. Material has been added on the design basis threat, fuel fabrication physical security, and spent fuel transportation safeguards. There appears to be enough information in these areas for us to do our confirmatory review.

As mentioned in the DOE cover letter, however, there is still no estimate of costs, no information about performance goals, and nothing about safeguards for the plutonium oxide conversion facility. They also did not add anything about MC&A for the reprocessing plant.

We told DOE in the March 2 meeting that information on the design basis threat and the performance goals should be provided for the reactor itself in addition to the various fuel cycle activities. We assumed that the other reactor safeguards material could be extracted from the Preliminary Safety Analysis Report, although at that time the Division of Safeguards did not have a copy of the PSAR. We acquired a copy on March 15 and discovered that it does not in fact contain enough information in one area. The PSAR does not provide any discussion of measures for controlling and accounting for SSNM on the reactor site. We need to ask DOE for systems information on reactor site SSNM safeguards analogous to what they have provided on other subjects.

*B. Dube*  
for Bob Dube