

# NUCLEAR MATERIALS COMMITTEE

## MEMBERS

ROSE HAYES, CHAIR

JOHN SNEDEKER, VICE CHAIR

ED BURKE

STAN HOWARD

TRAVIS JOHNSON



# NUCLEAR MATERIALS ASSIGNMENTS



- THIS COMMITTEE WAS ESTABLISHED TO STUDY ISSUES WHICH INVOLVE NUCLEAR MATERIALS (GENERALLY URANIUM AND PLUTONIUM) THAT HAVE AN IMPACT ON PRESENT OR FUTURE SRS ACTIVITIES, INCLUDING USED NUCLEAR FUEL PROGRAM ACTIVITIES, NUCLEAR MATERIALS MANAGEMENT, NUCLEAR MATERIALS INTEGRATION, AND DISPOSITION OF Pu AND OTHER HLW FROM SRS. THE COMMITTEE HAS ISSUED A SERIES OF RECOMMENDATIONS TO DOE REGARDING THESE ISSUES.



# CURRENT RECOMMENDATIONS

- 280      ADOPTED 9/27/11      OPEN
- 281      ADOPTED 9/27/11      OPEN
- 282      ADOPTED 9/27/11      OPEN



# RECOMMENDATION 280

## CONCERN FOR RECEIPT & PLANNING FOR DISPOSITION OF RESEARCH REACTOR SPENT NUCLEAR FUEL AT SRS.

1. Establish a rationale (to be widely publicized) for the concept of receiving RRSNF with no known disposition path describing future plans and commitments for disposition planning.
2. Indicate when a realistic planning case for the disposition of RRSNF will be developed.
3. Present such a plan in a System Plan indicating interfaces with other related programs at SRS such as the liquid waste management plan.

# RECOMMENDATION 281



- **DISPOSITION COSTS FOR SRS RESEARCH REACTOR SPENT NUCLEAR FUEL**
  1. Develop a planning case that establishes disposition costs for the RRSNF in L Reactor Basin plus the additional fuel yet to be received at SRS considering the case that the fuel is processed promptly in H-Canyon and the waste is processed through the DWPF.
  2. Develop a second planning case that establishes disposition costs for RRSNF in L-Basin (plus any additional fuel planned to be received) considering the fuel is stored in the Basin for an extended period and then dispositioned in a manner that DOE would deem adequate.
  3. Consider development of a third case (a possible hybrid case) for storage and disposition costs of RRSNF if studies indicate a viable case that is worthy of consideration.

# RECOMMENDATION 282



- **IMPACT OF BLUE RIBBON COMMISSION RECOMMENDATIONS ON SRS PROGRAMS**
  1. Report to the CAB when the Site will be in position to state the nature and type of impacts of the Blue Ribbon Commission on Site materials disposition plans.
  2. Report to the CAB when and how the Site will factor Blue Ribbon Committee recommendations into the NEPA documents for plutonium and SNF and appropriate final disposition plans issued.

# YUCCA MOUNTAIN AS AN INTERIM STORAGE SITE



- The NM Committee is considering a recommendation that Yucca Mountain be considered the leading contender and most expedient candidate for one of the BRCs recommendations:
  - An Interim Storage Site