



National Deactivation & Decommissioning Committee



SRS **Facilities Disposition Program**
savannah river site

National D&D Committee Meeting
Miami, FL
April 19, 2001

Angelia Adams
DOE-SR

 **SRS Facilities Disposition Program**

AGENDA

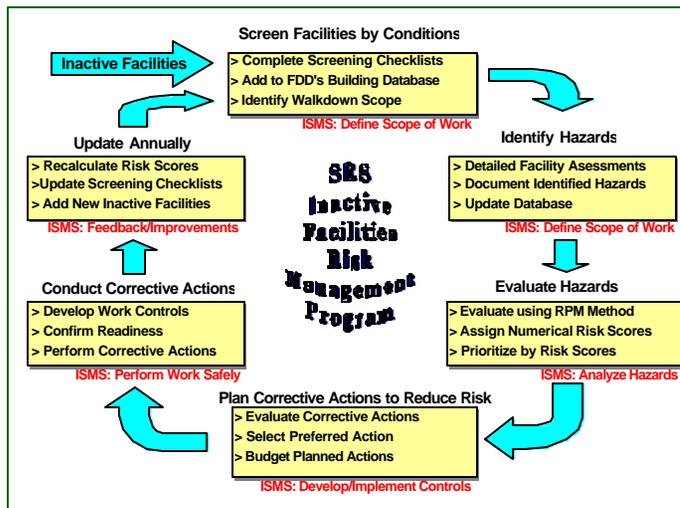
- Planned Facility Disposition projects for FY-01
- Planned Facility Disposition projects for FY-02
- Recent Lessons Learned
- D&D Issues and Concerns
- Technical Support Requirements for FY-02
- Other Items of Interest

Planned Facility Disposition Projects for FY-01

- Decommission 284-F Powerhouse Cplt
- De-inventory of 608-P Storage Pad Cplt
- Stabilize 717-C Cplt
- De-inventory 316-1M Storage Pad April
- De-inventory & Deactivate 330/331-M May
- Deactivate 341-8M Vitrification Facility Aug
- Characterize C and P Reactor Disassembly Basins Aug
- HEU Removal and Decontamination of 321-M Sept
- Cleanup of R Reactor Disassembly Basin water Sept
- Deactivate 777-10A Sept

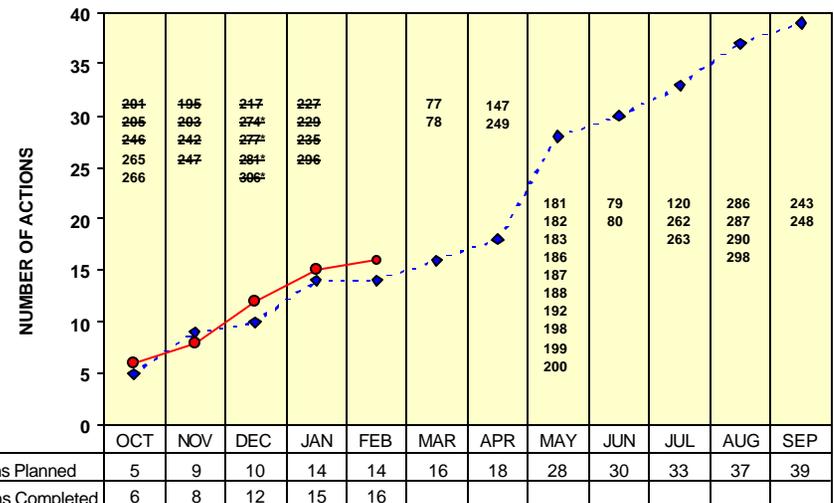
Planned Facility Disposition Projects for FY-01

Inactive Facilities Risk Management Program



The Risk Management process flow chart aligns with the Integrated Safety Management System (ISMS) process.

RISK MANAGEMENT PERFORMANCE



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
- ◆ - R2 Actions Planned	5	9	10	14	14	16	18	28	30	33	37	39
- ● - R2 Actions Completed	6	8	12	15	16							

Goal: Complete 39 Risk Reduction (R²) Actions Budgeted for Completion in FY-01.
 Responsible Person: Heatherly Dukes (5-3771)
 Comments: December: *4 additional unplanned actions completed by FDD

Planned Facility Disposition Projects for FY-02

- Inactive Facilities Risk Management Program
- Complete Deactivation of 321-M
- Decommission 285-3H Cooling Tower
- Remove 254-2F Diesel Generator
- De-inventory 330-M and 331-M
- Initiate Stabilization of R Reactor Disassembly Basin
- Stabilize C Reactor Setter Tank
- Complete Characterization of C Reactor Disassembly Basin

Recent Lessons Learned

“Beware of the Unknown”

Reactor Disassembly Basins

The Safety Basis (BIO) for the disassembly basins “assumed” that all irradiated components were covered by a minimum water level, and that all Cadmium rods had been removed. During Characterization:

- Several components stored above the minimum level were discovered to be irradiated.
- A cadmium rod was discovered.

Roof Vent Failures

On two separate occasions, during re-roofing maintenance, roof vents fell through ceilings to occupied working areas. In each instance,

- The roof vent had previously been separated from its hood and abandoned in place in the overhead.
- The roof vent was improperly supported and fell to the working level when its flashing was disturbed by the roofing maintenance.

Recent Lessons Learned

“Beware of the Unknown”

Assets for Services

The 284-F Powerhouse D&R Contract included the removal and transfer of ownership of several surplus assets to reduce the cost of removing the powerhouse. Old reactor diesel-generator units were included.

After removing the diesels, it was discovered that the pistons had been previously removed. They had apparently been removed several years ago to refurbish an identical unit on site. The diesel had been buttoned up with no indication that the pistons had been removed, and with no record of removal in the property records.

We have offered the contractor several surplus pumps and motors to offset the claim against the worthless diesels.

D&D Issues and Concerns

Decommissioning Priority

The most significant issue for the SRS facilities disposition program continues to be a lack of adequate funding to accomplish any significant decommissioning. SRS has significant missions, and Decommissioning continues to be low on the site's priority.

Consolidation of the facilities disposition program under a single site Assistant Manager will add attention and focus to the program.

Disposition of DU from M Area

We need to disposition a large quantity of depleted and natural uranium from the Reactor Materials Area. We are currently pursuing a plan to send the bare uranium to NFS in Tennessee and the plated and canned uranium to Portsmouth, Ohio for long term consolidated storage. A lack of funding may delay the transport, even if the technical issues are resolved.

Technical Support Requirements for FY-02

RBSM Program

The Facilities Disposition Division (FDD) is attempting to launch an RBSM review this fiscal year that will hopefully extend into a major program in FY-02.