



SRS Citizens Advisory Board

Strategic & Long Term Issues Committee

Meeting Summary

April 25, 2000
North Augusta Community Center
North Augusta, SC

The Citizens Advisory Board (CAB) Strategic and Long Term Issues (S<I) Committee met on Tuesday, April 25, 1:45 p.m. at the North Augusta Community Center, N. Augusta, SC. The purpose of the meeting was to discuss stewardship, the Facility Disposition Program and receive public comment. Those in attendance were:

CAB Members

P.K. Smith*
Bill Adams*
Carolyn Williams*
Bill Voegel**
Mel Galin**

Stakeholders

Ann Clark, SCDHEC
Sam Booher

DOE/Contractors

Chuck Borup, DOE
Dave Freeman, WSRC
Jim Moore, WSRC

* Denotes S<I Committee Members

**Denotes S<I Committee Members not present

P. K. Smith, filling in for the S<I Committee Chair, Mr. Galin, opened the meeting, asked everyone to introduce themselves and reviewed the agenda. She asked Chuck Borup, DOE, to proceed with his presentation on stewardship.

Mr. Borup stated that the definition of long-term stewardship is all activities required to maintain an adequate level of protection to human health and the environment from the hazards posed by residual nuclear and/or chemical contamination remaining after cleanup is completed. The contamination refers to contamination in the soil, groundwater, surface water/sediment, a facility or an engineered unit. The original idea for this concept related to the closing down of some sites by 2006. There is also a realization that some contamination cannot be cleaned up to standards allowing for unrestricted use due to high cost and technological limitations. Key elements of stewardship are site monitoring and maintenance, application and enforcement of institutional controls, information management, and physical controls. There are two type controls, institutional and engineered controls. Institutional controls relate to deed restrictions, security guards, etc. Engineered controls relate to physical controls such as signs and fences, maintenance and monitoring.

Mr. Borup pointed out that stewardship at the Savannah River Site (SRS) is not as critical an issue as it is with sites such as Rocky Flats and Mound which are closing down by 2006. The SRS is not closing down due to its future missions. There are no plans for the SRS boundary to be changed and SRS will remain under federal government ownership. It was mentioned that SRS would gain insight from lessons learned by programs of stewardship and institutional controls adopted by other sites that are closing down.

Mr. Borup explained the hierarchy of plans, which starts at the Strategic Plan and then moves to the Comprehensive Plan and the Land Use Control Assurance Plan (LUCAP). The LUCAP requires site use permits, signs, trespass parameters, monitoring/field inspections, and Site Specific Implementation Plans.

The Department of Energy (DOE), Headquarters (HQ), is currently developing a Long-Term Stewardship Study/Plan. The site is required to submit input to this plan by mid-May. The draft plan should be available for public review and comment by mid-June. The plan is to be submitted to Congress in October. Ms. Smith requested that a copy of the guidance as well as the draft plan be distributed to the S<I Committee when available. She also requested that Jim Werner, DOE-HQ, Director, Office of Long-Term Stewardship, attend a Committee meeting in June or July to give the HQ perspective as well as comment on the draft plan.

Brian Hennessey, DOE, explained the purpose of the LUCAP. It is to ensure the effectiveness and reliability of necessary land use controls over time. The LUCAP was initiated by the Environmental Protection Agency (EPA) in order to assure that the government could maintain control of specific sites in the future. The institutional controls for the LUCAP are administrative, engineered and human. Administrative control relates to zoning, permits, deed notices or restrictions, and other legal means. Engineered control relates to fences, barriers, etc. Human controls relate to security guard presence. The LUCAP only applies to areas for which land use controls have been selected. It also provides for annual certification of continued compliance with land use controls by the site manager. The LUCAP will be reviewed every five years to see if the control is still occurring and/or needed. Copies of the LUCAP will be made available to those who want a copy.

Ms. Smith introduced Dave Freeman, WSRC, to give a presentation on the Facilities Disposition Division. Mr. Freeman stated that their organization was formed in 1996 to address those facilities that no longer have a mission. The division is located in M-area but the surplus facilities are located all over the site. In 1996 they started with around 96 facilities which has grown to 161 facilities currently. There are five program objectives:

- Risk Management – Assure that the facility will not pose a risk to people or the environment.
- Deactivation – Turn all utilities off (water, gas, electricity, etc.) to reduce risk and cost.
- Decontamination – Decontaminate and remove all equipment for recycling, if possible.
- Decommissioning – Remove the building or secure the building depending on which is more cost effective.
- Technology Deployment – Facilities are used to determine if a new technology will work. This helps both the technology group and reduces cost for the site.

Mr. Freeman reviewed the risk management process used by the division. Once the facility is identified, a checklist is filled out by the facility manager to determine what is in the facility. The facility is screened for possible hazards. A walk-down inspection is completed. The hazards are scored and risk-ranked to determine which has the highest risk. Corrective actions are then taken to remove or minimize the risk.

Since inception, the division has screened 161 facilities, completed detailed assessments in 44 facilities, identified 108 hazards, changed 8 nuclear buildings to "other industrial" buildings, reduced surveillance and maintenance costs by over \$27 million, decommissioned over \$7 million in services for a cash outlay of \$435,000, and reduced surplus facilities footprint over 45,000 square feet. Technology deployments have occurred in 321-M large scale demonstration and deployment project, 105-R Disassembly Basin cleanup and a decontamination facility was set up.

Sam Booher requested that the facilities managed by the Facility Disposition Division be overlaid on the SRS Land Use Zones Map. He indicated that this could be completed after the Comprehensive Plan is completed since new maps will be available at that time. Mr. Booher also requested that next year when the TNX area starts deactivation, that a status be given on TNX and D-Area at a future committee

meeting. P. K. Smith requested that the committee be briefed on the Contaminated Large Equipment Disposition project once this project is formulated.

During public comment and discussion concerning future meeting agenda, Ms. Smith requested that a briefing in June be given on site infrastructure in an attempt to better understand the priorities of infrastructure projects related to the budget.

With no additional comments, Ms. Smith adjourned the meeting.

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