

2:00pm

STATUS OF THE LICENSING SUPPORT SYSTEM

BARBARA A. CERNY

U.S. DEPARTMENT OF ENERGY

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT

FEBRUARY 7, 1989

LSS 10 YEAR LIFE CYCLE COST - \$200 MILLION

LABOR	70%
HARDWARE/SOFTWARE	18%
FACILITY	7%
TELECOMMUNICATIONS	5%

**COST AVOIDANCE TO WASTE FUND - \$195 ANNUALLY
BEYOND 3 YEAR CONSTRUCTION AUTHORIZATION**

LSS "GRADUATED" FROM OMB'S PRESIDENTIAL PRIORITY SYSTEM LIST

- TECHNICALLY FEASIBLE**
- COST JUSTIFIABLE**
- MANAGEMENT IN PLACE TO IMPLEMENT**

SCHEDULE FOR THE LSS

**OCTOBER, 1987 DESIGN AND IMPLEMENTATION CONTRACT AWARDED TO
SCIENCE APPLICATIONS INTERNATIONAL, INC.**

1988 - INFORMATION ENGINEERING PHASE

- NEEDS ANALYSIS**
 - o NEGOTIATED RULEMAKING**
 - o SURVEY OF USERS**
- DATA SCOPE-ANALYSIS**
- CONCEPTUAL SYSTEM DESIGN**
- COST-BENEFIT ANALYSIS**
- PROTOTYPE SPECIFICATION**

SCHEDULE FOR THE LSS (CONTINUED)

- 1989 - DESIGN AND INITIAL PROCUREMENT
- PROTOTYPE IMPLEMENTATION OF 200,000 PAGES
- CAPTURE SYSTEM SPECIFICATIONS
- INSTALLATION OF FIRST CAPTURE SYSTEM
 - o BEGIN WITH DOE BACKLOG LOAD
- WORK WITH NRC AND OTHERS
 - o STANDARDIZE CAPTURE PROCEDURES
 - o COORDINATION OF CAPABILITIES WITHIN EXISTING ENVIRONMENTS

SCHEDULE FOR THE LSS (CONTINUED)

- 1990 - PROCUREMENT AND INSTALLATION**
 - DATABASE MANAGEMENT SYSTEM PROCUREMENT**
 - REMAINING CAPTURE SYSTEMS PROCUREMENT**
 - o BEGIN DOCUMENT COLLECTION FOR NRC AND OTHERS**
 - SEARCH SYSTEM SPECIFICATIONS**
 - IMAGE SYSTEM SPECIFICATIONS**
 - COMPONENT REVIEW AND ACCEPTANCE BY DOE, NRC AND OTHERS**

SCHEDULE FOR THE LSS (CONTINUED)

- 1991
 - PROCUREMENT, INSTALLATION, INTEGRATION
 - SEARCH AND IMAGE SYSTEM PROCUREMENT AND INSTALLATION
 - SOFTWARE DEVELOPMENT COMPLETED
 - TELECOMMUNICATIONS INSTALLED
 - COMPONENT REVIEW AND ACCEPTANCE BY DOE, NRC AND OTHERS
- 1992
 - FINAL SYSTEM INTEGRATION
 - TEXT OF 4 MILLION PAGES LOADED
 - INSTALLATION AND ACCEPTANCE TESTS COMPLETED
 - LSS AVAILABLE TO USERS

SCHEDULE FOR THE LSS (CONTINUED)

- 1993 - MAJORITY OF BACKLOG DATA LOADED BY ALL PARTIES**
- 1994 - CERTIFICATION BY NRC THAT LSS IS "SUBSTANTIALY
LOADED"**