

JAN 15 1991

MEMORANDUM FOR: Willard B. Brown, Acting Director  
Program Management, Policy Development  
and Analysis Staff, NMSS

FROM: Robert E. Browning, Director  
Division of High-Level Waste Management, NMSS

SUBJECT: RESPONSE TO REQUEST FOR INFORMATION ON THE  
FY 1993-1996 PLANNING FOR ADP SERVICES

The Division of High-Level Waste Management's response to IRM's request for projected automatic data processing (ADP) needs for the FY 1993-1996 will be based on the design that results from the functional needs of the Division established in the report, "DHLWM Computer Hardware and Software Functional Needs and Some Proposed Specific Needs." This report was completed August 24, 1990, and transmitted to Mr. Bernero on October 18, 1990, with a recommendation that it be forwarded to IRM so that the needed design work could begin. Your office decided to hold the report, prepared by DHLWM, until similar information was developed for the three other divisions. As you note in your request memorandum, that evaluation by the NMSS ADP Task Force will not be completed until about January 31, 1991. IRM can not plan for NMSS ADP resources until this functional needs for all divisions in NMSS is completed and then a design prepared to respond to all the functional needs.

Without the specifics of the design that should result from the functional requirements report, we can only respond in general to the following categories of Enclosure 1 to your memo, "IRM Detailed Information and Instructions for Preparing Response to FY 1993-1996 Call:"

#### TELECOMMUNICATIONS SERVICES

DHLWM will need special telecommunications services associated with technical staff computer communications to the CNWRA and several DOE data bases. Note that the CNWRA "Automated Data Processing Plan" (p. 25) makes the following comment, "There is an increasing demand to transfer larger volumes of data over the 9600 baud leased line between the SwRI IBM 4381, the NRC IBM 9370 at White Flint, and the pass-through connection using another 9600 baud leased line to the Center Washington Technical Support office in Crystal City. The slow response time occurs primarily when PASS Version 2.0 is accessed and large amounts of graphics data are transferred in using the navigation features of the system."

## SYSTEMS DEVELOPMENT PLAN FOR FY 1991-1992

### C.1 List of Funded and Unfunded System Development Projects

Of the 19 funded and 6 unfunded IRM systems development plans listed for FY 1991-1992, none is listed for NMSS. That means that IRM is not working on any systems development for NMSS and in particular they have not allocated any resources to make the substantial design that is needed to respond to the DHLWM comprehensive functional needs report. Obviously if the report is transmitted soon to IRM, it may get included in their 1992-1996 Systems Development Projects; however, this design activity is so crucial to the DHLWM program that arrangements should be made to begin work on it immediately, i.e., in the 1991 FY.

### C.2 New System Planning Requests for FY 1992-1996

See comment for C.1.

### C.3 Operational Systems

There are two operating systems maintained by IRM for DHLWM and they are:

#### 1262 TLSS Transitional Licensing Support System

The Transitional Licensing Support System (TLSS) is to be transferred to the Licensing Support System Administrator (LSSA) Office.

#### 1263 OIMS Open Item Management System

This system is still being developed and should be maintained by IRM and also coordinated with a parallel development activity at the CNWRA.

### C.4 Operational Systems Planning Request FY 1992-1996

After the completion of the design in response to the DHLWM computer hardware and software functional needs report, then it will be possible to make a response here.

### C.5 Data Entry Support

After the completion of the design in response to the DHLWM computer hardware and software functional needs report, then it will be possible to make a response here.

## INFORMATION AND RECORDS MANAGEMENT SERVICES

After the completion of the design in response to the DHLWM computer hardware and software functional needs report, then it will be possible to make a response here.

## DOCUMENT CONTROL AND MANAGEMENT SERVICES

These activities are major needs of the DHLWM as indicated in the Functional Needs Report and will need to be coordinated with technical reference information bases being maintained by the Hydrologic Transport Section, CNWRA, that may be in NUDOCS, and planned to be comprehensively incorporated in the LSS.

## INFORMATION TECHNOLOGY SERVICES

### 1. Scientific Codes

DHLWM is actively acquiring scientific codes for its technical evaluations. These activities as described in the Functional Analysis Report and the CNWRA ADP Plan and will need to be coordinated with IRM.

### 2. Graphics Services

The DHLWM will have need for graphics services, but in addition will have some special graphics needs for its technical evaluations as developed in the Functional Analysis Report.

### 3. Timesharing Services

The DHLWM has significant time sharing needs. Refer to the Functional Analysis Report and the record of mainframe computer usage at NIH and INEL.

### 4. Computer Services Support

The DHLWM has need for IRM maintenance and operational support for the existing PCs and additional computer related equipment that will be acquired.

In respect to Enclosure 2 (NMSS Microcomputer Requirements for FY 1991), we understand that "IRM has not begun work on this allocation -- pending the results of NMSS ADP Task Force [functional analysis report]." We appreciate that this is the status of IRM's allocation, because the DHLWM had anticipated having a preliminary design completed based on the functional analysis report and have been able to contribute well thought-out items to the list. As the list now appears, it has essentially nothing listed for the DHLWM. This situation definitely needs to be rectified before this list is transmitted to IRM.

In respect to Enclosure 3 (Agency Upgrade of Technology for Office Systems - AUTOS), the DHLWM has no comment on the schedule of converting NMSS to AUTOS in FY 1992.

*Robert E. Browning*

Robert E. Browning, Director  
Division of High-Level Waste Management, NMSS

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Please list the names of all individuals who should be on concurrence:

Cherry, Brooks, R. Ballard, Altomare, Jensen,  
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7. Date Originated: 1/14/91 Date Due or Needed 1/15/91
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