



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 18, 1997

MEMORANDUM TO: John W. Hickey, Chief  
Low-Level Waste and Decommissioning Projects Branch  
Division of Waste Management

Joseph J. Holonich, Chief  
Uranium Recovery Branch  
Division of Waste Management

FROM: John T. Greeves, Director *Michael F. Weber for*  
Division of Waste Management

SUBJECT: GEOGRAPHIC INFORMATION SYSTEMS PILOT PROJECT

Historically, the use of electronic data has been limited within the Division of Waste Management (DWM). The use of increasingly available electronic data has the potential to improve the efficiency and effectiveness of our licensing activities. Therefore, we should endeavor to take greater advantage of the opportunity to harness the availability of electronic data.

The Office of Nuclear Material Safety and Safeguards Advanced Computer System (ACS) has a number of tools that can be used to visualize, analyze, and present data. These tools include EarthVision and geographic information systems (GIS) applications such as ARC/INFO and ARC/VIEW. The use of these applications will allow the full benefit of using electronic data to be realized.

Given the limited use of electronic data in the past, DWM needs to decide how best to incorporate the use of this data and related computer applications in the conduct of its activities. The following activities are planned to accomplish this task. First, DWM staff will be urged to become more aware of the potential for using electronic data. Second, DWM staff will have the opportunity to learn basic skills for using the software available on the ACS. Finally, a pilot project -- consisting of one uranium recovery and one decommissioning site -- will demonstrate the possibilities of the current tools and identify their limitations when applied to each type of site; the pilot project will not include high-level waste, since the use of electronic data, EarthVision, and GIS applications is more established in that area.

By January 30, 1998, please identify one or two candidate sites to be considered for inclusion within the pilot project. Technical assistance for sites within the pilot project will be given priority over other, non-high-level waste projects. Please contact James Firth (415-6628) for questions related to the selection of appropriate candidate sites.

CONTACT: James R. Firth, DWM/PAHL  
415-6628

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*WJG*

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\*See previous concurrence

OFC	PAHL*		PAHL*		PAHL*		DWM <i>for</i>	
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DATE	12/11/97		12/15/97		12/15/97		12/18/97	

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