

# memorandum

DATE: JUL 27 1987

REPLY TO  
ATTN OF: NE-20

SUBJECT: Review of Remedial Actions at the National Guard Armory, Chicago, Illinois

TO: File

As part of its Formerly Utilized Sites Remedial Action Program (FUSRAP), the Department of Energy (DOE) conducted remedial actions at the National Guard Armory site in Chicago, Illinois. The actions served to decontaminate those areas in the Armory that were radioactively contaminated as a result of programs previously conducted by the Manhattan Engineer District and the Atomic Energy Commission.

The remedial actions included decontamination of the building and the excavation and removal of a below grade catch basin. The estimated 50 cubic yards of contaminated material generated by these activities were packaged in 55 gallon drums and transported to the Hanford site near Richland, Washington, for disposal.

Sampling of the catch basins determined the presence of radioactively contaminated sludges and hazardous chemicals. These catch basin sludges and chemicals have been packaged in approved steel drums and are currently stored at the Armory pending the location of a suitable disposal facility.

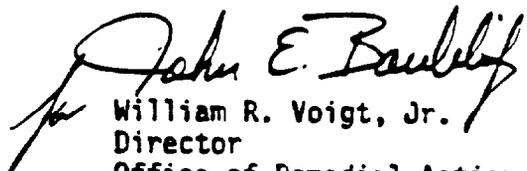
The State of Illinois specified that no effluent releases were permitted during DOE's remedial action efforts. Therefore, extreme care was taken to capture and collect the airborne particulates generated during removal of surface contamination and the liquids used to clean equipment and piping systems. The materials so collected were solidified and packaged for disposal at the Hanford site.

The radiological impacts of the remedial actions both to the workers and members of the general public were reviewed in the Attachment and were determined to be negligibly small.

There were no surface or groundwater impacts from the remedial actions since no discharges of liquids were made and since all remedial action efforts took place within the building and were therefore sheltered from dispersion by the natural elements such as wind or rain.

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The project clearly had no significant effects on the quality of the human environment within the meaning of Section 102(2)(c) of the National Environmental Policy Act. Accordingly, neither an environmental assessment nor an environmental impact statement was required.

  
William R. Voigt, Jr.  
Director  
Office of Remedial Action  
and Waste Technology  
Office of Nuclear Energy

Attachment

cc:

C. Osborne, EH-25 w/attach.  
J. Wagoner, NE-23 w/out attach.  
S. Ahrends, OR w/out attach.  
R. Atkin, OR w/out attach.