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Department of Energy  
Chicago Operations and Regional Office  
9800 South Cass Avenue  
Argonne, Illinois 60439

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PA. 11

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William E. Mott, Director  
Environmental Control Technology Division, HQ

SUBJECT: PREMIER MANUFACTURING - SPRINGDALE, PENNSYLVANIA

A visit to Premier Manufacturing, 644 Garfield, Springdale, Pennsylvania, was made on October 6, 1980, by Edward J. Jascewsky and Art Whitman, Department of Energy, and Walter H. Smith, Argonne National Laboratory. The group met with Edward McClesky, Premier Manufacturing and Bud Schnoor, PPG Industries, Inc. The purpose of the visit was to perform a cursory radiological survey of the facility at the above location. In addition, discussions were held with Mr. Schnoor whose family previously owned the facility and performed the operations of concern.

The facility was surveyed to evaluate if there was any immediate radiation hazard for personnel working in the facility, and was not intended to be an all inclusive survey. The results of the measurements of areas scanned indicated no detectable contamination above background except for one small area.

The readings in this area indicated approximately 4000 counts per minute per 61 cm<sup>2</sup> beta and no detectable alpha contamination was detected. A contact reading of 0.3 milliroentgen per hour (mr/hr) was obtained using a micro R meter. A reading of approximately 0.02 mr/hr was detected three feet above this area. A smear taken in this area showed no detectable activity above background. All other readings in the facility showed no detectable readings above background. Although the contaminated area involved was small (approximately one square foot) much of the floor space was inaccessible for survey because of operation and storage in the facility.

Since there is a lack of definitive records, it is recommended that an extensive radiological survey be scheduled and performed. This survey would eliminate any apprehension about radiological hazards in the facility. The survey will include a detailed review of the floor areas (after removal of the items presently stored there), the wall areas, and a representative sampling of the overhead areas in the original structure. In addition, air and soil sampling will be collected and analyzed.

Any questions concerning this memorandum should be addressed to Edward Jascewsky, 972-2254.

Billy D. Shipp, Director  
Operational and Environmental  
Safety Division

OES:EJJ

cc: Andy Wallo, Aerospace ✓

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CONCURRENCE
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