

APR 03 1989

MEMORANDUM FOR: FILE

THRU: John W. N. Hickey, Chief
Operations Branch
Division of Industrial and
Medical Nuclear Safety

FROM: Dennis I. Serig
Senior Human Factors Analyst
Operations Branch
Division of Industrial and
Medical Nuclear Safety

SUBJECT: TRIP REPORT - - VISIT TO THE AMERSHAM CORPORATION
FACILITY IN BURLINGTON, MASSACHUSETTS

On March 2, 1989, J. Persensky and Ann Ramey-Smith from the Human Factors Branch (RES) and I visited the Amersham Corporation facility in Burlington, Massachusetts. The purpose of our visit was to gain background information on industrial radiography equipment, procedures, and training. Persons contacted were William McDaniel, Corporate Manufacturing Manager, and Cathleen Roughan, Radiation Safety Officer.

The majority of our visit was spent with Mrs. Roughan who described the process of radiography and the equipment used in that process. Discussion included the qualifications and training of radiographers. Mrs. Roughan also provided hands-on access to classroom demonstrator equipment and the opportunity to see a broad range of radiography equipment which had been returned for maintenance or disposal.

Dr. Persensky, Ms. Ramey-Smith, and I returned with a better knowledge of radiography equipment and procedures. We were also able to photograph much of the available equipment for future reference. Information gained about human-machine interfaces, procedures, and training will support RES's development of a program of research designed to identify, evaluate, and resolve human factors concerns related to radiography safety.

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