

NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20556

February 27, 1981

MEMORANDUM FOR: Michael A. Parsont, Chief

Radiological Health Standards Branch, OSD

FROM: Diane

Diane S. Flack, Radiobiologist

Radiological Health Standards Branch, OSD

SUBJECT:

STATUS REPORT ON THE WORKER REGISTRY

BACKGROUND

In response to an April 1, 1979 memorandum from former HEW Secretary Joseph A. Califano, a cooperative NRC/NIOSH effort was initiated to establish a registry of persons on the Three Mile Island Site. Documentation of who had been on site and their radiation exposure records was considered essential for proper follow-up for health effects and protection of the public health. Since the initiation of this effort, NRC has worked with Met-Ed and NIOSH to assure that the proper information is worked with Met-Ed and NIOSH to assure that the proper information is collected and stored at TMI. This is one of a series of updates of our activities in this area.

During a September 19, 1980 meeting between NRC and Met-Ed representatives it was determined that the dosimetry program at TMI was satisfactory for the purpose of a worker registry. Furthermore, with the long-term maintenance of NRC-required records, it was felt that this program met the nance of NRC-required records, it was felt that this program met the dosimetry objectives of the radiation worker registry requested by former dosimetry objectives of the radiation worker registry requested by former security California.

CURRENT STATUS

Since the September 1980 meeting at TMI, I have called James Hildebrand, Manager, Radiological Support Services, Three Mile Island, once a month to discuss programs related to the worker registry. The primary purpose of these discussions has been to determine if there have been any changes in: these discussions has been to determine if there have been any changes in: 1) the status of the program areas related to the registry; 2) the types of 1) the status of the program areas related to the registry; and 3) the records, other than NRC-required records, kept on site workers; and 3) the retention of employee records. We have also discussed the monthly entries retention of employee records. We have also discussed the monthly entries into the containment building in regard to: 1) the number and type of workers participating in the entries; 2) the doses received by the entry workers participating in the entries; 2) the doses received by the entry teams; 3) the records kept on entry team personnel; and 4) the medical data being collected before and after the entries.

During the period October 1980 to January 1981 there was no change in the status of the dosimetry records, security records, and personnel records,

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1.e.. the same information was being collected as was previously collected and the records are still being stored on site. The status of the industrial hygiene group is also still the same, with no immediate plans for expansion due to Met-Ed's financial problems and large layoffs of site personnel.

Several decisions and changes have been made in the medical program. Met-Ed/GPU management has decided not to employ a full time physician on site at this time, but they have neither agreed upon nor disapproved of the revised medical program that was similar to the Navy's NAVMED P-5055. However, blood and urine testing is now being offered to persons at the time of annual respiratory physicals. This additional data will become part of those employee's medical records.

Because of the potential for significant radiation exposures, the records kept on the personnel currently entering the containment building merit special consideration. A list of people on each entry team is kept in the TMI Dosimetry Office, but all additional data kept on them is in their TMI Dosimetry Office, but all additional data kept on them is in their that individual files. Extensive medical exams are being done on the entry teams prior to the entries. Met-Ed is doing complete physical exams only on its prior to the entries. Met-Ed is doing complete physical exams only on its prior to the entries. Met-Ed is doing complete physical exams only on its prior to the entries. Met-Ed is doing complete physical exams only on its prior to the entries. Met-Ed is doing complete physical exams only on its prior to the entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams for entry personnel working for contractors, such as Bechtel. Medical exams only on its prior to the entry teams. The tritium levels are low-presence of tritium for all entry personnel. The tritium levels are low-presence of tritium for all entry personnel. The tritium levels are low-presence of tritium for all entry personnel involved in entry teams.

In addition to the information supplied via telephone, the TMI Dosimetry Section continues to send monthly computer printouts on the TLD and self-reading dosimeter data. These data are then compiled (Attachment 1) for distribution to RHSB, OHSB and Region I. Bimonthly reports of the TLD monitoring data by whole body exposures ranges are sent to Dr. Oddvar monitoring data by whole body exposures ranges are sent to Dr. Oddvar Nygaard for distribution to the NIH TMI Follow-up Research Subcommittee.

FUTURE PLANS

No changes are foreseen in the immediate future for the monitoring of TMI data and programs related to the TMI worker registry.

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Diane S. Flack, Radiobiologist Radiological Health Standards Branch Office of Standards Development

Attachment: As stated

CC: Paul Strudler, NIOSH

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TMI STATION-UNITS I & II CURRENT OCCUPATIONAL EXTERNAL RADIATION EXPOSURE

Report period	01/01/80-12/31/80			
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Information in this record was delated in accordance with the Freedom of Information Act, exemptions

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