



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

MAY 15 1979

SSINS 8100

MEMORANDUM FOR: Boyce H. Grier, Director, Region I

FROM: William J. Millsap, Radiation Specialist, Radiation
Support Section, FF&MS Branch, Region II

SUBJECT: REPORT OF ACTIVITIES AT THREE MILE ISLAND

1. Arrived at TMI Site: 1630, 4/12/79
Departed TMI Site: 0700, 4/21/79
Times on Duty:

4/12/79	1600 - 2100
4/13/79	0700 - 2000
4/14/79	0630 - 1930
4/15/79	0630 - 1930
4/16/79	0700 - 1900
4/17/79	0700 - 1800
4/18/79	0700 - 1300, 2300 - 2400
4/19/79	0000 - 1000, 2200 - 2400
4/20/79	0000 - 0900, 2300 - 2400
4/21/79	0000 - 0700

2. Summary of Activities Performed: First assignment was to test each of the three commercial whole body counters on-site (two from Helgeson Nuclear Services and one from Radiation Management Corporation) with the standard phantom used in RII; reviewed the results of whole body counts from March 29 - April 15, 1979 and discussed with vendor representatives some of the highest counts; and discussed with Met. Ed. representative proposed whole body counting criteria. After the above was completed, assumed in-plant HP duties part-time as communicator and part-time reviewing the progress of certain projects such as the Unit 2 emergency diesel building decon and the Unit 2 auxiliary building filter changes.
3. Comments on Licensee (Health Physics) Operations: My experience at TMI was too limited to give a fair general assessment of overall HP operations. Some specific HP deficiencies noted were:

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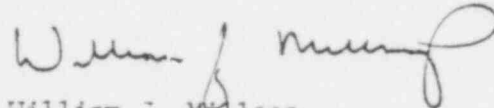
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- a. Vendor (Tri-State Laundries) efforts at cleaning respirators was very poor (improperly cleaned and poor acceptance criteria); TMI HP was apparently providing poor support for this operation.
 - b. One vendor whole body counter (according to a vendor representative), after having rushed to TMI, was left sitting for a day and a half without electrical power to start operations.
 - c. There was at one time (during the week of the 15th of April), an apparent shortage of teletectors, self-reading dosimeters, and face-pieces for Scott Airpacks.
4. Comments on IE Operations: In-plant IE health physics personnel appeared effective in independently assessing HP conditions in the plant and identifying significant problems to the licensee.



William J. Millsap
Radiation Specialist
Radiation Support Section

cc: A. F. Gibson, RII

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