



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

May 12, 1979

MEMORANDUM FOR: G. H. Smith, TMI Director, IE Health Physics
FROM: J. P. Stohr, TMI Environmental Group Leader
SUBJECT: REDUCTION IN TMI MANPOWER

As we discussed, I've considered alternate ways to reduce the manpower we are presently devoting to TMI in the areas of Environmental Surveys, the Mobile Lab and Operations Support. (The reduced manpower for in-plant Health Physics has already been specified.)

The following proposal is presented for your review. It was prepared for the present plant status and assumed no EPA or DOE ground survey support.

1. Environmental Survey Teams

0000 to 0800 1 Environmental/HP Coordinator (E/HP C)

0800 to 1600 1 Environmental/HP Coordinator
1 HP Surveyor } Survey Team
1 Assistant/Driver }

1600 to 2400 1 Environmental/HP Coordinator

There would be only one survey team (0800 to 1600). This team would handle all routine radiation surveys, air sampling, other sampling, e.g., milk and vegetation. During the other two shifts, a survey team would be available on call by the E/HP C. This team might consist of the normal 0800 to 1600 team members, the other two E/HP C's, or Mobile Lab personnel. (Procedures for call out and vehicle control would have to be prepared.)

The E/HP C's would provide for round-the-clock coverage in the IE Trailer. Duties for this position would be somewhat expanded and would include:

- a. Tracking current status and trends of effluents.
- b. Directing environmental survey teams.
- c. Calling out AMS when necessary.
- d. Keep records of environmental surveys.

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- e. Preparing daily report and weekly PN entries.
- f. Acting as a focal point for IE Messages.
- g. Facilitating badging and access to TMI for NRC personnel.
- h. Issuing TLD's and dosimeters to NRC personnel.
- i. Providing other additional on-site environmental and HP coordination.

Items a thru f are done now. Items g thru i would essentially eliminate the need for one H.P. coordinator position in the Operations Support Group. The E/HP C's would for the most part be selected from our more Senior Radiation Specialists. An acceptable list of at least 15 could now be made from the people who have already served as Environmental Shift Leaders.

I would expect that the Regions would alternate on filling the one HP Surveyor position - principally I, II & III. The Region I Safeguards Branch is currently providing three assistant/drivers and this arrangement might acceptably be continued at the reduced level. I would expect that Regions I, II & III would each supply one E/HP C on a continuing basis.

The Region I TLD team (pickup and changes) can continue as at present with the only change being weekly and monthly changes rather than twice a week and monthly as is done now.

2. Mobile Lab

0800 to 1600 - co-op student
1200 to 2000 - Qualified Region I Radiation Specialist (reviews all results)

The co-op student could go home weekends and holidays. The Region I Laboratory Officer would check operations at least weekly and be on call for consultation.

If and when the Region II Mobile Lab arrives and their system is calibrated, the Region I Mobile Lab may be relieved for some time -- hopefully to install our new system.

3. Operations Support


After provisions for badging and TMI site access have been reduced to written procedures (now being prepared), the HP support position in this area may be essentially eliminated and this function turned over to the E/HP C. Special access problems, e.g., Presidential Commission, may still require additional support from Region I on a call-out basis.

The full-time Region I Environmental Analysis position may be reduced to 1 or 2 days/week after the report summarizing NRC environmental measurements has been completed. It is expected that some level of continued effort will be needed in this area. Much of it may be accomplished at the Region I Office.

Technical Assistance has been provided for maintaining equipment, etc., on an almost continuous basis by P. McPhail of Region II. During his absence T. Shaub of Region I has filled in. Our needs in this area are now reduced. P. McPhail is currently back in Region II getting the Region II Mobile Lab ready to come to TMI. I propose that Shaub fill in for McPhail on a part time basis during McPhail's absence.

Special ad hoc assignments will still need to be made. The nature of these assignments is an exerted effort to "get on top" of an area which, once documentation is completed, thereafter may only require periodic review. Typically, the best available Region I expertise will be used, however, on occasion, calling upon personnel from other Regions may be necessary. A current example of a special assignment is our present in-depth review of the licensee's personnel monitoring program.

In summary, this proposal, if enacted, would reduce our manpower requirements in these areas by one-half.


J. P. Stohr
TMI Environmental Group Leader

cc:

J. Sniezek, IE:HQ