

**ROUTING AND TRANSMITTAL SLIP**

Date 6/12

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. NRC PDR		
2. Assessions Unit (P-50)		
3.		
4.		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

**REMARKS**

TO BE PLACED IN NRC PDR

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)  Robert L. Tedesco	Room No.—Bldg. <u>P-1122</u>
	Phone No. <u>X 28090</u>

5041-102

OPTIONAL FORM 41 (Rev. 7-16)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

☆ U. S. GPO: 1977-0-241-530/3228



551270

7907130303

P#



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JUN 12 1979

NOTE FOR: Distribution List

FROM: Roger J. Mattson

SUBJECT: JUNE 4, 1979 MEETING MINUTES FOR L<sup>2</sup> TASK FORCE FOR TMI-2 ON RESEARCH

The task force discussed the RES supplemental program circulated by Mattson's memo of May 30. S. Levine presented this proposal to ACRS on Thursday, May 31, 1979. L. Tong also presented his draft research proposal. Rubenstein and Paulson attended this discussion.

Some questions raised were how does Research stand since TMI-2? Has NRC been doing the proper research all along? Have we been doing anything right? Should there be more emphasis on everything? Do we understand what happened at TMI? Are we prepared if TMI happened again?

Voglewede said LOFT program is going to try to transfer NRC research technology to other parts of the country. Holahan would like to develop suggested program changes after lessons learned task has been completed.

Olshinski defined his finite set concept for reactor safety monitoring (memo to Mattson); thinks it possible to look at core cooling and pressure boundary with finite number of instruments to look at. Instead of going after human error, think across the board for person whose primary purpose is to look at those things that we spell out. On a short-term basis we could probably define this.

Mattson noted this was analogous to the ACRS "List of Critical Equipment." Another allied policy thought is Commissioner Kennedy's memo on minimum staffing of control room -- perhaps the minimum level ought to include a person dedicated to critical safety functions a'la Olshinski's concept. One alternative would be making a shift supervisor also function as a safety monitor (Olshinski).

Minners raised the question why couldn't all operators be trained to do the dedicated safety monitoring work.

Mattson urged that we require that all safety valves be tested for two phase and solid water flow conditions in the short term set of requirements.

How do you make a gaming and diagnostic simulator cover all events? Beltracchi said this could be done on analogs. It would take about 3 years to get a hybrid computer simulator with this capability (Tong). Several people urged that NRC is going to have to do more work on simulators in house. Many of our people studying

551271

JUN 12 1979

and regulating plants have no practical experience with those plants (Ross). TMI had several areas where practical capability was low, especially re hydrogen bubble (Holman).

ACRS suggested that we spend a lot of money doing paper studies so that there would be a foundation of technical understanding to guard against getting into uncharted areas.

It was recommended that short-term requirement for containment housekeeping functions to improve sump reliability along the lines of fire protection be added to Olshinski's list. L<sup>2</sup> should take list from Research paper as list of lessons learned from the Research staff. L. Tong asked for comments from L<sup>2</sup> on Research list; Mattson said we agreed all of the items were worthy of consideration. Some are research, some are licensing. By COB, Tuesday, June 6 Cudlin, Beltracchi, and Voglewede will coordinate and develop comments on RES draft program supplement.

Telford reported on Incident Response Center briefing of Commission by Dudley Thompson, IE. NRC's response and the licensee's were not reported on; neither was the NRC's total response program discussed. Setup of Incident Center was discussed defining EMT (Executive Management Team) and RCT (Response Coordination Team). Reported on how NRC was notified by licensee in reasonable amount of time; Headquarters notified within 15 minutes. Did not acknowledge how long initial response took. This will be one of a series of presentations. An earlier one described how the resident inspector's role was. Although communication was said to be good, Telford and most task force members did not agree. Telford is drafting an L<sup>2</sup> view on this general subject.

#### Summary of ACRS Meeting

Conran discussed last week's meeting of the TMI-2 subcommittee of the ACRS. Meeting included a long discussion of the RES program supplement.

Mattson gave presentation to the subcommittee on L<sup>2</sup> Task Force, organization and specifically spontaneous presentation of technical assistance. We need more on transient analysis; more support dollars for our operator training and licensing function, and more resources for off-normal transient and accident analysis.

Concerning the Research budget, industry coordination is needed. Particularly in view of limited resources, we don't want to venture into areas that are more appropriate to industry research projects.

Everyone should have received an updated assignment list in the mail. W. Minners is coordinator. By COB, Tuesday, June 5, Minners should have all updates on the assignment list.

Visits to the WPPSS simulator have been scheduled for June 5 and 6 for a number of task force members. Others will be visiting Lynchburg on Tuesday, June 5 to go through the B&W simulation of the TMI-2 accident.

551272

JUN 12 1979

Mattson presented a list of action items for L<sup>2</sup> work.

1. Draft paper on Incident Response Center by Friday (Telford)
2. By June 5, 1979 L<sup>2</sup> will have comments on Research draft paper on FY80 supplement for meeting with Levine on June 6
3. L<sup>2</sup> has been invited to a meeting on Wednesday, June 13 at AIF office downtown -- contingents to represent us. In the morning, will talk in some detail on operator training and licensing. In the afternoon, will talk in broad way about implications of TMI-2.

AIF called the meeting. They have several kinds of groups working in preparation for the meeting. They will tell us what lessons they think have been learned from TMI-2 and comment on what we think. In the afternoon, they are more interested in hearing how we broke down lessons learned into categories, how we have organized ourselves, and what we think about candidates for long or short-term actions.

4. On June 14, we will give summary status to ACRS on where we are, for example, status of ACRS recommendations.
5. June 15 is the date for first collation of licensing requirements for near-term OLs and CPs.
6. At staff meeting on June 11, we'll discuss how all this is coming together. Coordinator for Design and Analysis is C. Long, and coordinator for Operations is J. Milhoan. The coordinators are to submit to Mattson and Tedesco a list of short term and long term requirements with enough descriptive material to understand what the area is and what the recommendation is. Three "bins" were defined: Bin #1 contains the requirements being implemented now by the Bulletins and Orders Group; bin #2 contains the candidates for further short term licensing action or change in the regulatory process; and bin #3 contains the major policy issues and candidates for design or operations changes that require further evaluation. Most of bin #2 will be short-term hardware fixes or operator training and qualifications requirements.

Each specialist on the task force should provide his input to the coordinator in his area by COB, Thursday, June 7, 1979.

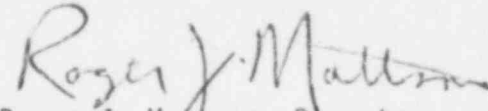
The task force will meet on Tuesday, June 12 to discuss the presentations to be made later in the week. Time is tentatively 3:00 p.m., room to be announced later.

551273

JUN 1 2 1979

The task force discussed RRRC review of task force recommendations. Concluded that there are advantages, if the review does not get on the critical path. Mattson will discuss with Case.

The task force discussed procedures for reaching decisions on recommendations, and for stating spectrum of views. No decisions reached -- will discuss in subsequent staff meetings.

  
Roger J. Mattson, Director  
Division of Systems Safety

- cc: R. Minogue
- E. Case
- H. Denton
- R. Boyd
- D. Ross
- F. Schroeder
- V. Stello
- J. Davis
- S. Levine
- K. Cornell
- R. Ireland
- L<sup>2</sup> Task Force
- PDR ✓

551274

June 4, 1979 - Meeting Attendees

R. Mattson  
W. Minners  
R. Ireland  
C. Long  
T. Telford  
J. Olshinski  
J. Calvo  
J. Voglewede  
B. Milstead  
H. Silver  
J. Conran  
H. Krug  
G. Holahan  
L. Beltracchi  
J. Holman  
J. Milnean  
B. Cudlin  
L. Barrett  
P. Stoddart

551275

CALENDAR OF MEETINGS SCHEDULED RELATED TO L<sup>2</sup> TASK FORCE ON TMI-2

Wednesday, June 6, 1979

Meeting with M. Taylor & ASB on Auxiliary Feedwater Systems at 9:00 a.m.  
P-422

C. Long attended.

551276