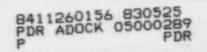
CAPHTON

GPU NUCLEAR

Response to the Rohrer, Hibler & Replogle (RHR) Report on "Primary Concerns of Licensed Nuclear Operators"

> R. I., LONG VP, Nuclear Assurance Division



RHR TABLE

	RHR TABLE	(A) Agree - Complete	(B) Agree - Action Underway or '83 Coal	(C) Agree - Action to be Scheduled	(D) Under Evaluation	(E) Disagree	TOTAL
#1	Safety Action Steps		10	1		1	12
#4	Training Action Steps	1	11		3		15
#5	Career Action Steps	1.45 6	3		1		4
#6	Cooperation Between Departments Action Steps	1	7	1			9
#7	Pay Action Steps	1	1		1		
#8	Rotating Shift Action Steps		1		1		· 2
#9	Quality of Management Action Steps		2		1		3
#10	Implementation Phase Action Steps	1		1			2
	TOTAL	4	35	3	7	1	50

GPUNC RESPONSE TO RHR ACTION STEPS

	RESPONSE CATELORIES
Agree	- Complete
Agree	- Action Underway/*83 Goal
Agree	- Action to be Scheduled
Under	Evaluation
Disage	ee
	Agree Agree

Response Summary

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ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
Procedures - Simplification of emergency operating procedures.	1	B	1983	TMI-1 OC / NA TH
RESPONSE: TMI - Guidance for use of 25°F subcooling margin simplifies some emergency procedures, ATOG will facilitate process of identifying correct procedure for handling a plant transient.				
OC - At present, the Licensed Operators are in Training on the new symptom oriented Emergency Operating Procedures (EOP). These procedures simplify the existing Emergency Procedures and should alleviate the operator's concerns with the existing cumbersome nature of the current 500 Series Emergency procedures.				
Dialogue on and analysis of procedural compliance issues in special cases.	1	в	1983	TMI-1 OC
RESPONSE: TMI - Procedural compliance requirements and prob- lems regularly discussed with licensed opera- tors; procedure owner concept, with plant operating procedures usually assigned to an SRO, gives operators direct input and identi- fies specific contact person for any problems with a particular procedure. Revisions to lOCFR50 which become effective June 1, 1983 allow an SRO to depart from license conditions or technical specifications in an emergency; plant procedures will reflect this change			2 2	
and training on implications and implementa- tions will be provided.				5/25/83

Response Summary

RHR REPORT RESPONSE TABLE NO. CATEGORY

TIME

RESPONSIBILIT LEAD/SUPPORT

ACTION STEP

2 (con't)

NO.

RESPONSE: OC -

Operations Management continues to stress verbatim compliance with procedural control. In line with this concept, a continuing dialogue with shift supervision is maintained to identify and correct those areas where this philosophy causes problems due to unique plant conditions. Operations utilizes the 107 Procedure (Procedure Control) to make changes to procedures at the time of implementation if conditions warrant (on a one-time basis) to support our verbatim compliance requirements. Our efforts in this area have received positive feedback from the NRC in the recent SALP report on Plant Operations.

Response Summary

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<u>.</u>		ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
3		feedback on procedural change recommendations . Establish policy on this.	1	В	1983	TMI-1 / OC
	<u>RESPONSE</u> : TMI -	Procedure owner concept resulting in signifi- cant improvement; further effort is underway to streamline the required administrative and review processes.				
	OC -	An Operations staff Goal for 1983 is to <u>Improve Procedures</u> and <u>Enhance Procedure</u> <u>Review Compliance Through a Complete Evalua- tion/Review of all Operations Department</u> <u>Procedures</u> . A program for licensed shift personnel to review and revise the 200 and 300 Series Procedures has been developed and implemented. To date, a total of approxi- mately 80 procedures have been reviewed and approximately 22 requests submitted for procedure revisions. The Operations Staff has also independently reviewed and revised specific administrative procedures (100 Series) as well as approximately 20 refueling proce- dures (205 Series). On new procedures, the Operations Staff review these procedures and encourage the writer to meet with a GSS/Shift personnel to factor their input into the final draft prior to approval.				
4	Improve mechanism ment of procedure	of consultations with operations on develop- s.	1	В	1983	TMI-1 / OC
	<u>RESPONSE</u> : TMI -	Procedure owner concept improving consultation process; plant staff is working with Tech Functions to achieve timely responses to plant requests for procedural guidance, e.g., on OTSG tube ruptures.				
	OC -	Included in response to No. 3.				5/25/83

NO.			ACTION STEP		RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILIT LEAD/SUPPORT
5	Improve proc implementati		f review of procedures by operations prior to		1	В	1983	TMI-1 OC
	<u>RESPONSE</u> : T	(MI -	Major procedure changes, especially emergency procedures, are checked out at the simulator before implementation. Once approved, all shifts are trained on the procedure at the simulator.					
	0	ос -	Included in response to No. 3.	1		and the		
					1.7.4			
6	<u>Cooperation</u> of backup ed		en Departments - Especialiy speed of repair nt.		1	В	1983	TMI-1 OC / M&C
	RESPONSE: 1	CMI -	Corporate Goal 9 - discussions with exempt employees or GPUN organization, TMI-1 Goal #2 - discussions with plant employees, individual discussions by VP - TM1-1.					
	(OC -	Operations Management converses daily with M&C and Plant Material on the identified needs to repair plant equipment. A concerted effort to improve the cooperation between departments is being practiced at the Manager level and strongly encouraged at the Supervisor level. Included in this effort is the identification by the Plant Division of the <u>Reduction of</u> <u>Backlog Maintenance Job Orders as the No. 1</u>					
			priority in our Urgent Needs list.					5/25/83

NO.		ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILIT LEAD/SUPPORT
7	Union and	Management - At Oyster Creek.	1 .	С	1983	HR
	RESPONSE:	Discussions between management and RHR are planned.				
8	time of tr from shift tors of tr	Experience - Increase "hands on" experience; more rainees in plant and with equipment; more coaching supervisors; refine efforts for keeping instruc- rainees and licensed operators current on plant instrumentation and procedural changes.	1	В	1983	NA / TMD-1 OC
	<u>RESPONSE</u> :	The availability of OC BPT plus TMI BPT and Replica simulators will greatly expand "hands on" experience (The O.C. replica is still in our future plans). The newly established Operator Training Review Committees at TMI and O.C. will have this as an				
		agenda item. O.C. has committed to establish a formal OJT Program.				
		They sent operations people to San Jose for refueling training prior to the 1983 outage.				
		Increase attention in supervisor Development Training to coaching and counseling.				
		Instructors participate in Licenced Requalification Training and have required reading assignments now. This requires further evaluation and a decision on allocation of resources to accomplish more instructor time in plant familiarization.				
						5/25/83

Response Summary

<u>NO.</u>	ACTION STEP	TABLE NO.	RESPONSE	TIME	RESPONSIBILITY LEAD/SUPPORT
9	Personal and Family Problems - Determine utilization rates by licensed operators of Stress Control Services.	1	В	Early 1983	HR
	RESPONSE: Use of Stress Control Services will be reported by Bargaining Unit coverage and Salaried.				
10	Disseminate information on confidentiality and on availability of services through Stress Control and alternate sources.	1	В	Early 1983	HR / TMI-1 OC
	RESPONSE: Information on Stress Control and similar agencies will be disseminated through use of Bulletin Boards, News Updates and similar media.			/-	
11	Consensus on Components of Safety - Develop consensus between top management and operators on those factors contributing to safety on which there is divergence.	1	F	1983	NA
	RESPONSE: Table 11 was reviewed in an O/P-VP Staff Meeting on April 12, 1983. Differences between operation and top management felt to be consistent with their respective positions.				
12	Develop consensus within top management on those factors con- tributing to safety on which there is divergence.	1	в	1983	NA
	RESPONSE: Dr. D'Arcy requested to provide individual responses to management respondents for identification of any wide divergences from "mean weights" in Table 11.				

Response Summary

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		ACTION STEP	RHR REPORT TABLE NO.	RE SPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
13		ation - Eliminate "comprehensive test" portion of ation test.	4	D	1983/1984 Decision by Mid-May	NA / TF
	<u>RESPONSE</u> :	This will be an Operator Training Review Committee agenda item. By July 15th T&E Department will make its recommendation to management. (This could be effected by NRC final decision on how they will handle the 20% requalification exam audit.)				
14	Make repet attractive	itive parts of requalification training more	4	в	1983/1984	NA / TMI-1 OC
	RESPONSE:	BPT and Replica Simulators will enhance training in this regard.				
		O.C. is presently trying to use instructors as discussion facilitors in GET requalification training. If this proves successful, the idea could be expanded into Licensed Operator Trng.				
15	Post-sched including at each fa	ule for coming year of requalification training outline of content on operator Bulleting Board cility.	4	В	1983	NA
	<u>RESPONSE</u> :	At O.C. each trainee gets a training schedule for the next six months. This schedule will also be posted in the control room. During the first cycle of training, time was spent discussing the plans for the year.				
		TMI plans to do the same as O.C.				5/25/83

Response Summary

10.	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATECORY	TIME	RESPONSIBILITY LEAD/SUPPORT
16	Content and Methods - Include industry and community issues as well as GPU Nuclear approach to these issues in the training of operators.	4	D	1983/1984	NA / TMI-1 OC
	RESPONSE: Senior TMI managers now introduce each six-week training cycle with comments and respond to operator trainees.				
	Report says operators do not want this. Plan to further evaluate with the Operator Training Review Committee.				
17	Reintroduction of "systems approach" for Navy trainees to understand role of equipment in plant.	4	В	1983/1984	NA
	RESPONSE: Current CRO programs on shift time have been expanded. Also, plan to incorporate ex-Navy trainees into systems portion of non-licenced operator training. TMI has separate system training module for ex-Navy trainees.				
18	Develop diversified approach for mastery of theory for ex-Navy Nukes and trainess coming up from plant.	4	В	1983/1984	NA
	RESPONSE: The BPT simulators will aid in this area. The theory instruction to non-licensed operators has been increased. TMI also permitted ex-Navy trainees for RO Licenses to take validation exams ("test out") in theory area.				

NO.	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
19	Simulator specific to TMI.	4	в	1982-1987	TF / NA
	RESPONSE: Placement of order expected during June 1983. This also requires commitment for additional staff to \support Replica Simulator.				
20	Develop method for trainee to gauge his growth in competency to operate during training period.	4	в	1983/1984	NA
	RESPONSE: The BPT simulators will aid in this area. Doing more plant walkarounds at O.C. to obtain trainee feedback. At O.C. new CRO class on shift time increased from 13 to 20 weeks.				
	The training programs require qualification check-offs from which the trainee should be able to judge his own growth and accomplishment.				
21	Standards - Tighten standards and evaluation of trainees.	4	В	Early 1984	NA / TMI-1 OC
	RESPONSE: The qualification check-offs will be used to establish performance standards for trainees.				
	The Licensed Operator Certification procedure at each plant plus the Control of Exam procedure also addresses this area.				

Response Summary

110.	ACTION STEP	RHR REPORT TABLE NO.	RE SPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
22	Evaluate instructors on pedagogic skills with view to coaching and improving.	4	В	Mid 1983	NA
	RESPONSE: This is being done through the instructor evaluation program and the Instructor Training Program.				
23	Develop method for montitoring and improving consistency between training for licensing and requalification and testing for the same.	4	в	1983-on	NA
	RESPONSE: The Operator Training Review Committees will be addressing this issue.				
	T&E has contributed to improvements in the NRC test by providing them questions for their test bank.				
24	Develop method for monitoring and improving consistency between training and ability to operate.	4	, Α	1983-on	NA / TMI-1 OC
	RESPONSE: The regularly seeks feedback from operations (and other user groups) on their training needs.				
25	Task analyses of what operators actually do as basis for training relevance.	4	в	1983/1984	NA / TMI-1 OC
	RESPONSE: The subscribes to the task analysis approach. This issue is under study to determine what procedure is most meaningful for our situation.				

Response Summary

NO.	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
26	Administration - Promote improved relationships between opera- tions and training personnel.	4	В	Mid-1983	NA / TMI-1 OC
	RESPONSE: Each site will have an Operator Training Review Committee to look at program issues. The T&E Department has a goal to establish a Training Advisory Committee which may also address this area.				
27	Targeted interviews in Training Department to explore issues, and other departments.	4	D	1983	нк
	RESPONSE: The will have further discussion with RHR to determine further action.				
28	Entry - Improve pay differential between licensed operators and other departments.	5	D	1983-on	HR
	RESPONSE: Wage and license bonus amounts are established through the bargaining agreement.				
29	Provide some training in theory to AO's with potential for RO.	5	в	1983	NA
	RESPONSE: The has increased the theory training to non-licensed operators.				

Response Summary

NO.

		ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
30		edentials - Fecilitate getting of degrees; credits se courses, programs in area colleges, Career	5	Б	1983/1984	NA / HR
	<u>RESPONSE</u> :	T&E and Human Resources are jointly developing educational career counseling programs (HR Goal 6.A). Effort underway to bring degree programs from local colleges/universities to GPUN sites. By the end of 1983, appropriate site training programs will be evaluated for granting of college credit.				
31	the state of the s	hs - Develop and publish possible career paths and ions for them.	5	В	1983/1984	HR / NA
	<u>RESPONSE</u> :	Additional career path opportunities can be made available to employees provided sufficient flexi- bility can be worked into shift schedules. A draft progression was sent to applicable Vice Presidents on April 18, 1983.				
32	Emphasis of heads.	n Cooperation - Discussion of issues with department	6	A	Early 1983	ыл
	<u>RESPONSE</u> :	Entire RHR report reviewed with O/P and Division VPs in meetings on March 22 and April 12 and 14, 1983. Several Divisions are planning followup meetings with RHR.				

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Response Summary

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NO.		ACTION STEP	RHR REPORT TABLE NO.	RESPONSE	TIME	RESPONSIBILITY LEAD/SUPP <u>RT</u>
33		concept of organizational structure that operations unction and other departments have support function.	6	В	1983	NA / OP
	RESPONSE:	Included in effort described under No. 34.				
34	Make coope Objective.	ration between departments a GPU Nuclear Corporation	6	В	1983	NA/ OP
	<u>RESPONSE</u> :	Corporate Objective No. 5 is to " Improve GPU Nuclear's functional capabilities." All Divisions are emphasizing "concept" through staff and employee meetings, interdivisional meetings, and when needed, development of interface agreement and procedures.				
35	Develop sy	stem for evaluating managers on cooperation.	6	A	1983	HR
	RESPONSE:	This is included in the Performance Appraisal form implemented in 1983. Section 3 under Performance Factors is as follows:				
		"3. Working Relationships"				
		F. Communication G. Leadership H. Teamwork I. Employee Development"				
		Further, the Performance Factors - Rating Definitions defines TEAMWORK as "contributing to and cooperation with others in a common effort." In each evaluation, this factor is to be reviewed by immediate supervision and those sections of departments which supervisors				
		interface.				5/25/83

NO.	ACTION STEP	RHR REPORT TABLE NO.	RE SPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
36	Facilitating Cooperation - Identification of problems at inter- faces between pairs of departments. Intergroup problem solving meetings.	6	В	Spring 1983	NA / ALL
	RESPONSE: Included in effort described under No. 34.				
37	Educate departments on each others' roles.	6	В	Early 1983	NA / ALL
	RESPONSE: The following steps are being considered to promote greater cooperation:				
	 (a) Develop synopsis of Organization Plan for distribution to all on site. (The Organization Plan is on file in the Control Room.) 	Torrent Content			
	(b) Discuss organization and divisional functions in all training programs including CRO training. Training Department to schedule designated representatives from each Division to discuss divisional roles.				
	<pre>(c) Reinforce through "Nuclear Today" publication - "Did You Know".</pre>				

Response Summary

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	ACTION STEP	RHR REPORT TABLE NO.	RE SPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
8	Training: Supervisors for cooperation, operators in persua- sion vs. authoritarian approach, support department members fresh from school in importance of cooperation.	6	с	Early 1983	NA / ALL
	RESPONSE: New Supervisor Training Program will address this topic by 4th Quarter 1983.				
	Future Manager, Development Program will also address this topic as will the proposed Senior Level Management Training Program.				
39	Get people acquainted across departments. Post photographs of both licensed operators and support department foremen and supervisors at each facility with name and function, circulate current rosters of department foremen with areas of responsi- bility location and phone.	6	В	Early 1983	NA HR / ALL
	RESPONSE: Oyster Creek and TMI will circulate current rosters of department foremen with areas of responsibility, location and phone. (Except photo raphs will not be posted.)				

Response Summary

-	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	ALL OF C		
0	Work toward sufficient flow of trainees so that those with operational experience can join support departments.	6	В	1983	TMI-1 OC / HR NA	

RESPONSE: Current Status:

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		TMI-1	TMI-2	0.C.
#	CRO's	4/shift	3-4/shift	4/shift
ŧ	Aux Ops	6-9/shift	7+/shift	4/shift
		(6 shifts)	(5 shifts)	(5 shifts)

- <u>OC</u>: This has always been a goal of Operations to provide a career path and options for operators to pursue other areas where their experience and knowledge can benefit the Corporation. With achievement of the six (6) shift goal, we can focus on moving operators into other areas of the Corporation. In the interim, Operations continues to recruit and provide yearly classes of trainees consistent with budget allotment.
- TMI: This is well underway and is included in the planning for critical skills section of the five year plan. The plant now has 19 licensed ROs with 3 in training; a licensed RO was just recently traisferred to QA/QC as a beginning of the program to provide operators the opportunity to move into the support division.
- Pay Differentials Develop data on pay differentials between licensed operators and other disciplines at GPU Nuclear.
 - RESPONSE: Per discussions with the O/P on April 16, 1983, this concern may be directed to the GSS or GOS levels of salary compared to other exempt positions at O.C. Human Resources will study such and respond to the applicable officer level positions.

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<u>NO.</u>	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
42	Develop data on pay differentials in Nuclear Plants run by other utilities.	7	A	1983	HR
	RESPONSE: Surveys are conducted continually during the year. Most recent survey is as of 3/21/83. Attachments on CRO hourly rates vs. internal technical positions and as compared to other utilities distributed to applicable officer level positions on April 18, 1983.				
43	Use data to reassess policies and plan appropriate action steps.	7	D	1983/1984	HR
	RESPONSE: Inasmuch as GPUNC wage and license bonus amounts are subject to the local bargaining agreements, differentials can only be adjusted through negotiations.				
44	Work to initiate 6 shifts at Oyster Creek as soon as possible.	8	В	1983/1984	HR / OC
	RESPONSE: At the time of the study, O.C. was on a 4 shift rotating schedule; it has since been increased to 5 shifts (February 1983). Operations and T&E are striving to have sufficient licenses for 6 shift operations by the end of the 1983 outage.				

Response Summary

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	ACTION STEP		RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
45	Shift Scheduling - Study feasibility of each consistently eight hours later than previous feasibility of twelve hour shifts.		8	D	1983	HR / OC
	RESPONSE: This matter needs extensive review Nuclear Assurance and Human Resource divisional management and operating relations representation. While of may be available, we reject the con- shifts, i.e., difficult to schedule factor, reducing altertness and pro- necessity of IBEW negotiations.	ces, applicable g company labor ther options ncept of 12-hour e, fatigue				
46	Provide advance warning of changes in shift so <u>RESPONSE</u> :	cheduling.	9	В	1983-on	TMI-1 OC
	TMI: Advance warning of changes should and will be provided					
	<u>OC</u> : Operations Management commit much advance warning of shift as is possible. Additionall submitted a proposed schedul input) to Human Resources for This proposed shift schedule by the operators and implement indicative to Management's of to their concerns.	t scheduling changes by, Operations has te change (operators or Union concurrence. e is one preferred entation will be				

Response Summary

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NO.	ACTION STEP	RHR REPORT TABLE NO.	RESPONSE CATEGORY	TIME	RESPONSIBILITY LEAD/SUPPORT
47	Interviews with cross-section of management on issues, concerns and quality of management.	9	D	1983	NA
	RESPONSE: Director, Training & Education and VP - Nuclear Assurance are reviewing the programs available to evaluate and assess individual management styles and practices.				
48	Assessment of managers; developmental coaching with individual managers; Management training.	9	В	1983-on	NA
	<u>RESPONSE</u> : Will revise prsent Management Development Program to target behavioral objectives to managerial skill development. Human Resources and Training & Education are working together to guide effective assessment of manager performance.				
49	Presentation of findings to Departments (so that Departments understand background of Action Steps).	. 10	۸	Early 1983	NA / ALL
	RESPONSE: RHR Report has been distributed to appropriate management personnel in each Division. (Also see response to No. 32.)				
50	Review of suggested Action Steps to determine feasibility, timing, and participants.	10	С	Early 1983	NA / ALL
	RESPONSE: This Response Summary will be reviewed with RHR. A plan will be developed by July 1, 1983 for follow-up and feedback to operators.				
					5/25/83