

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

DESIGNATED ORIGINAL

June 7, 1983

MEMORANDUM FOR:

Chairman Palladino Commissioner Gilinsky Commissioner Ahearne Commissioner Roberts Commissioner Asselstine

FROM:

Continued By M. BRIGERS William J. Dircks Executive Director for Operations

SUBJECT:

COMPLETION OF TMI-1 RESTART REVIEW

The recent staff review which was the subject of my memorandum to the Commission of May 19, 1983, concluded that the issues raised by the Hartman allegations should not by themselves prevent restart of TMI-1. Further, the staff concluded that, due to the open issues which have been identified and which were not considered in the revalidation program, the staff can draw no conclusion regarding management integrity as it impacts on restart at this time. Therefore, the staff has initiated actions which will enable it to reach a current position on restart.

These actions will include completion of the review of the B&W-GPU lawsuit documents. The review conducted to date confirms conclusions reached in the report of the previous review of the trial court record dated March 28, 1983, that the documents do not contain significant new information which affects the agency's understanding of the TMI-2 accident, including the sequence of events. The review has, however, identified information with a potential bearing upon management integrity.

8306160606 830607 PDR ADOCK 05000284 PDR

In order to consolidate consideration of this issue within our normal licensing review process, I would like to have NRR complete the review of the B&W-GPU lawsuit documents which consist of (1) the trial transcripts and exhibits admitted into evidence, (2) exhibits used during the trial or identified by either party for possible use during the trial but not admitted into evidence, and (3) the depositions taken in preparation for the trial as well as the exhibits used in taking the depositions. <u>1</u>/ To assure a smooth transition in this effort, I will make available, for a short period on a detail basis, those staff members who had been assisting Mr. Stello in the review.

In addition, as the examination of the issues and documents identified in my Hay 19 memorandum produces conclusions and recommendations, I will also look to ERR to integrate them in an overall staff conclusion on management integrity.

OFFICE	 	 	*********	
	 	 		 •••••
DATE	 	 		 •••••

- 2 -

^{1/} The Staff is also aware of thousands of other documents possessed by the parties to the B&W-GPU lawsuit. However, we are proposing to limit our review to the above B&W-GPU lawsuit documents. We believe these documents are representative and will reasonably identify all safety issues. This is because of the substantial effort undertaken by the parties to prepare the documents in an adversarial process which provided significant incentives for the parties to be exhaustive in their preparation. Obviously more information might be available from other documents, but from a cost benefit view, we believe our approach is reasonable.

It appears that a sensible way to approach the review of the B&W-GPU lawsuit documents and the other matters in my May 19, 1983 memorandum is to focus our immediate attention on basic safety matters. 2/ Specifically:

is there any new information^{3/} contained in the B&W-GPU lawsuit documents and other documents possessed by NRC such as the Beta and RHR reports, and any other information developed by the ongoing investigations which is material to the resolution of: (i) the questions raised by the Commission in its August 9, 1979 order (10 NRC 141) commencing the restart proceeding; (ii) the additional questions raised by the Commission in its subsequent order of March 6, 1980 providing further guidance to the Licensing Board regarding the management competency issues (11 NRC 408); (iii) the specific contentions relating to these issues raised by the parties in the restart proceeding; and (iv) the issues raised by the Licensing Board in its reopened proceeding on the question of cheating. If so, such information should be identified and evaluated as to whether any actions should be required before restart.

With regard to the specific issue of management integrity, there are at least two approaches. One is to defer restart until a review and investigation of the impacted individuals is completed. The other approach is to separate out the corporate institution from corporate employees. We recommend the latter approach which divides the issue into two parts. (1) the corporate institution, i.e., the stated policies and procedures of the corporate institution and (2) the individuals, i.e., past performance and current competence of the individuals responsible for implementing the corporate

2/ The purpose of this review is to resolve the restart issue and not to prepare the NRC defense to the <u>GPU v. NRC</u> lawsuit. The Staff will in the review be alert to whether there is any new information that causes a fundamental change to our understanding of the cause of the accident.

3/ "New information" here refers to information not in the record developed by the Licensing Board.

	particular and the second s	Contraction of the Contraction o			
OFFICE			 	 	

- 3 -

policies and procedures. Absent new information, we do not believe it is advisable to expend time and resources to re-examine the stated policies of the corporate institution. This area, as well as the GPU organizational structure, has been reviewed by the staff and found to be acceptable. The competence of the management employees have also been found acceptable. Therefore, we would focus our attention upon the past performance of individuals identified by the various allegations, reviews and investigations.

If we focus our attention on individuals, we could proceed on a schedule separate from the restart decision schedule, provided that certain of the individuals are temporarily removed from safety related activity at TMI-1, absent a satisfactory demonstration by licensee that one or more of those individuals may be retained for an interim period while they are under investigation. As reflected in the attached organizational plan for TMI-1, we are dealing with a finite number of individuals who were involved at TM1-2. Specifically we would review the assignments of these individuals on a case-by-case basis and propose reassignments as deemed necessary; we would assure that where an individual is removed, his replacement possesses the required qualifications for the position.

OFFICE	 	 	 	•••••
DATE	 	 	 	••••

- 4 -

As for past actions of those individuals, we would carry on the various investigations and the review of documents and again, on a case-by-case basis as a conclusion is reached, either authorize return of the individual to his prior assignment position or take whatever enforcement action deemed necessary. It may be that as we proceed down this path the number of individuals and positions involved and the actions taken will cause us to reevaluate this approach to dealing with management integrity. Restart of the plant would not foreclose us from taking appropriate enforcement action at that time.

Our recommendations then are as follows:

- -- consolidate review of restart in NRR including the review of the B&N-GPU lawsuit documents.
- -- on the issue of management integrity:
 - review assignments of individuals to TMI-1, direct reassignments as necessary, and review competence of replacements, if not already done, prior to restart;
 - separate the issue of the past performance of individuals from the issue of the corporate institution, at least initially, and focus attention on individuals as an enforcement matter on a schedule separate from restart.

OFFICE	 	 	 	•••••
DATE	 	 	 	•••••

If these recommendations are acceptable, the Staff will provide the Commission an estimate of the schedules and resources necessary to complete them. The staff believes that the above actions will provide all the information necessary for it to provide the Commission its position on restart.

- 6 -

(Signed) William J. Dirota

William J. Dircks Executive Director for Operations

Attachment: TMI-1 Organization

CC: SECY OPE OGC

Distribution

WJDircks/EDO JWRoe/DEDO TARehm/OEDO GCunningham/ELD VStello/DEDROGR HRDenton/NRR RCDeYoung/IE BHayes/OI EDO R/F

	XELD	ELD ISC	ELDUY	NRR	EDO (A)	
SURNAME	XELD Jieberman		ry GCunningha		WDircks	
DATE	6/7/83		6/.7./83	6/7/83		

Dil-1 Orcanization 4/25/83

Position

President - GPU Nuclear

Executive VP, GPUNC

Chairman, GURB

VP. Dyster Creek

VP, TMI-1

VP. TMI-2

VP, Technical Functions

VP. Nuclear Assurance

VP. Administration

VP. Communications

VP, Radiation and Environmental Controls

VP, Maintenance and Construction

Manager, Plant Administration, TM1-1

Director, Operations and Maintenance, TMI-1

Director, Plant Engineering, J. J. Colitz TMI-1

Incurbent Robert C. Arnold

Phil R. Clark I. R. Finfrock. P. B. Fiedler H. D. Hukill B. Kanga (Bechtel) R. F. Wilson

R. L. Long P. R. Clark (Acting)

W. L. Gifford R. W. Heward

F. F. Manganaro

P. G. Christman

R. J. Toole

Position - 3/28/79

Vice President - Generation GPU Service Corp., Parsippany

New Jersey Central

New

New

Director, Tech. Functions, GPU Service Corp., Generation Div.

Manager, Generation Productivity, GPU Service Corp., Generation Div.

New

NEW

Manager, Projects, GPU Service Corp., Generation Div

. .

New

Manager, Generation Admin., Met-Ed, Reading

Unit Superintendent, Homer City (fossil), Pennelec

Director, Generation Projects Engineering, MetEd, Reading

- 2 -

Position

- Manager, Flans and Programs, TM1-1
- Manager, Plant Chemistry TMI-1 - Reports to Director, Ops. & Maint.
- Manager, Plant Operations TMI-1 - Reports to Director, Ops. & Maint.
- Manager, Plant Maintenance TMI-1 - Reports to Director, Ops. & Maint.
- Administrative & Technical Support, TMI-1 - Reports to Director, Ops. & Maint.
- Supervisor, Plant Review Group, TMI-1 - Reports to Director, Ops. & Maint.

Plant Engineering Directorate Director: J.J: Colitz - TMI-1

Lead Machanical Engineer ;	R. D. Barley
Lead Nuclear Engineer	W. S. Wilkerson
Lead Electrical Engineer	C. Hartman
Lead I&C Engineer	V. P. Orlandi
Technical Analyst -	T. A. O'Connor
Special Project Engineer	P. P. Karish
Supervisor - Chemistry	J. G. Reed

Supervisor - Chemistry

Incumbent

R. P. Adamiak

E. C. Fuhrer

M. J. Ross

D. M. Shovlin

R. S. Harbin

Max Nelson

rson

Position - 3/28/79

New

Encineer, Radiation Protectica & Chemistry, TMI-1

Supervisor of Operations, TMI-1

Superintendent of Maintenance, TMI

Tech. Analyst, TMI-1

Kew

Lead Mechanical Engr., TMI-1

Ĩ

Nuclear Engineer, TMI-1

Lead Electrical Engr., TMI-1

1&C Engineert, TMI-1

Plant Fire Protection -Tech. Analyst

Engineer - Met-Ed - Reading

Chemistry Foreman, TMI-1

이 같은 것은 것이 같아?	
Incumbent	Position - 3/28/79
G. A. Kuehn	New
R. Shaw	New
D. E. Tuttle	New .
Dolores Simmons	Dosimetry Clerk - Rad. Con., Units 1 & 2
N. C. Kazanas	Mgr., Quality Assurance, GPU Svc. Corp., Gen. Div.
R. Coe	New
Blaine Ballard	New
R. N. Whitesel	New
R. E. Rogan •	New
W. F. Schamaiss	Elec. Power & Instrumentation Mgr., GPU Svc. Corp., Gen. D
C. A. Mascari	Engr GPU Svc. (Forked Riv
J. R. Thorpe	Mgr., Environmental Affairs,
	G. A. Kuehn R. Shaw D. E. Tuttle Dolores Simmons N. C. Kazanas R. Coe Blaine Ballard R. N. Whitesel R. E. Rogan

- 3 -

.

4

.

Position

- Director, Engineering & Design
- Director, Systems Engineering
- Director, Engineering Projects
- Director, Startup & Test

Incumbent

- 4 -

D. K. Croneberger

T. G. Broughton

R. W. Keaton

J. T. Carroll ..

Position - 3/28/79

Mgr., Engineering & Design, DPU Svc. Corp., Gen. Div.

Control & Safety Analysis Mgr., GPU Svc., Gen. Div.

Mgr., Systems Engineering, GPU Svc. Corp., Gen. Div.

Oyster Creek

New

New

New

New

New

VP & Director - Administration P.R. Clark (Acting) - GPUNC

Director, Fiscal Info. Mgmt.

- Director, Materials Mgmt. T.
- Director, Human Resources (Now rpts directly to Office of the President)
- Director, Security, Facilities, Industrial Safety & Health

VP & Director - Radilogical & Environmental Controls R. M. Heward GPUNC

- Manager, TMI-1 Radiological Controls
- Director, TMI-2 Radiological Controls

TMI Radiological Assessment

Oyster Creek Rad. Assess.

Manager, Oyster Creek Rad. Controls

Mgr., Env. Controls

Corp. Rad. Engineering

R. Russo

T. L. Myers

S. B. Fisher

Herfel

Administration Division GPU Svc. Corp., Gen. Div.

-

J. E. Hildebrand New

W. C. Craft New

C. A. Pollard

D. W. Turner

G. A. Kuehn

H. B. Roche T. D. Murphey D. H. Reppert

Jersey Central

New GPU Licensing, Parsippany

Position

VP 5 Director - Maintenance & Construction F.FT.Manganaro, GPUNC

....

M&C Director, TMI-1

Mgr., M&C Planning

M&C Production Director

Mgr., M&C Methods & Proced.

M&C Admin. Support Mgr.

Shift Supervisors (SRO)

Shift Foremen (SRO)

Control Room Operators (RO)

Incumbent					4.		-	£.,
	r	P. 1	•		-	0	n . 1	<u> .</u>
	4.1	\$ \$ 1	-	¥ 111	~	5	1.1	۰.

Position - 3/28/79

S. Levin (Acting)
G. J. Troffer
S. Levin
A. Laird (Hq.)
Unfilled (Island)

D. H. Campbell

L. G. Noll 24 D. E. Smith B. A. Mehler D. C. Janes R. E. Boyer T. L. Crouse D. A. Smith H. K. Olive G. M. Davis J. C. Herman. W. A. Fraser S. K. Martin S. W. Brantley (RO) ... Ms. D. J. Keller J. L. Masters D. D. Mayhue M. E. Wynne R. S. Campbell N. J. Monson T. F. Chalecki R. A. Heilman J. R. Gallagher T. H. Goodlavage G. J. Bixler

Forked River

Mgr., Generation QA GPU Svc. Corp., Gen. Div.

Forked River

New

New

Unit 1 SF w/SRO-1 Unit 1 CRO W/REI Units 1 & 2 55 w/SRD-1 & 2 Unit 1 SF w/SRD-1 Unit 1 CRO w/RO-1 Unit 1 SF w/SRO-1 Unit 1 CRO - In trng. for RO-New Maw Unit i CRD w/o license Unit 1 CRO w/o license New Unit 1 CRO w/RO-1_ Unit 1 AO-A Unit 1 CRO w/RO-1 Unit 1 CRO w/o license New Unit 1 AO-B Unit 1 AD-A Unit 1 CRO W/RO-1 Unit 1 CRO w/RO-1 New Unit 1 CRO w/RO-1 Unit 2 AO-C

- 5 -

1	물건 같은 것 같은 것 같은 것	
Pesition	Incumbent	Position - 3/28/79
· · · · · · · · · · · · · · · · · · ·		
Control Room Operators (cont'd)	M. P. Kendig <u>1</u> / M. B. Bezilla J. E. Moore D. Hass	Unit 1 CRD w/o license Unit 2 PORC Secretary New New.
•	M. D. Willenbecher R. C. Bugelholl	Unit 1 AO-C - New
	R. J. Lane 2/ R. H. Maag 2/ D. T. Niland 2/ D. J. Treadway 3/	New New New
	D. J. Treadway <u>3/</u> J. W. Randisi <u>4</u> /	New Unit 1 AD-A
2/ Maag and Niland have pas been cleared medically. 3/ Treadway has to retake to	QA. License will lapse. sed their license exams, but the simulator exam. ber 1982 RO exam - future in	
Shift Technical Advisors	H. C. Crawford - SRO-1 J. R. Paules - SRO-1 W. S. Stanley - SRO-1 K. Harkless L. Walter W. McSorley	Unit 1 Plant Eng. Unit 2 Plant Eng. MetEd Licensing - Reading Forked River MetEd Transmission Dept., Rd New
Replacement STAs in Training :	W. Burton J. Stair	New MetEd Licensing - Reading
SROs Not on Shift		
Unit 1 Supervisor of Operations	M. J. Ross	Supervisor of Operations, TM
Unit 1 Primary Plant Eng.	H. B. Shipman	Operations Engr., TMI-1
Manager, Radwaste Op., TMI-1	W. H. Zewe	Shift Supervisor, Units 1 & 1
Training Dept.	C. E. Husted	Unit 1 Training Dept., w/RD-
Emergency Planning (Brown's license will laps	N. D. Brown se)	Unit 1 Training Dept., w/SRO

- 6 -

Position

......

Incumbent

Position - 3/28/79

=

.....

ROs Not on Shift

S. J. Kacinko D. L. Wilt Unit 1 AD-C Unit 1 AD-A

27

Note: AD-C = Auxiliary Operator in training AD-B = Auxiliary Operator - trained AD-A = Auxiliary Operator - fully qualified

. .