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November 5, 1987  
4410-87-L-0165/0255P

Dr. W. D. Travers - Director  
TMI-2 Cleanup Project Directorate  
US Nuclear Regulatory Commission  
c/o Three Mile Island Nuclear Station  
Middletown, PA 17057

Dear Dr. Travers:

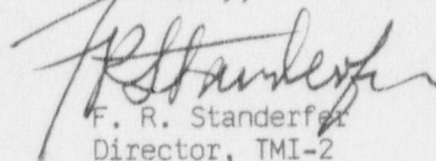
Three Mile Island Nuclear Station, Unit 2 (TMI-2)  
Operating License No. DPR-73  
Docket No. 50-320  
Post-Defueling Monitored Storage Environmental Evaluation  
NRC Comment Response

In response to the request for additional information concerning GPU Nuclear's proposal to place TMI-2 into Post-Defueling Monitored Storage (PDMS), as forwarded by NRC letter NRC/TMI-87-077, dated October 1, 1987, the attached information is provided (Attachment 1). This information is based on the current workforce and expected plant conditions at the end of defueling.

Also, to assist in preparation of your evaluation of the socioeconomic impact of PDMS on the TMI area, Attachment 2 provides a listing of major employers within the area. In this regard, two (2) points are noteworthy. First, although GPU Nuclear is a major employer, the area is by no means dependent upon any single employer for economic stability. Secondly, the area possesses significant growth potential and currently is enjoying economic growth.

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Sincerely,



F. R. Standerfer  
Director, TMI-2

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Attachments

cc: Regional Administrator, Region 1 - W. T. Russell

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

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NRC COMMENT 1

The approximate number of workers required to continue expeditious post-defueling cleanup activities in lieu of PDMS period. The NRC staff considers the "cleanup" to include those activities required to reduce TMI-2 contamination levels to levels approximating those of an undamaged nuclear power facility at the end of useful life, but prior to active decommissioning.

GPU NUCLEAR RESPONSE

Based on the potential environmental impact of TMI-2 at the completion of the defueling and other planned activities, as well as occupational ALARA considerations, GPU Nuclear does not plan to continue the "cleanup" in lieu of PDMS. Therefore, detailed planning for such an effort has not been accomplished and GPU Nuclear has made no estimate of the work force that would be required. For purposes of evaluating the socioeconomic impact of PDMS, it can be assumed conservatively that the workforce required to continue "cleanup" in lieu of PDMS would not exceed the current on-site workforce of approximately 1150 personnel involved in defueling and decontamination. In all likelihood, the required workforce would be much smaller. Therefore, in response to Comment 1, a workforce of 1150 personnel is assumed.

NRC COMMENT 2

The approximate number of workers required to maintain the proposed PDMS configuration.

GPU NUCLEAR RESPONSE

Based on current planning, it is expected that the work force required during the first year of PDMS (i.e., a transition year) is expected to be 100-125 personnel of various skill levels. In subsequent years, the level of effort required to maintain PDMS is expected to be 70-75 man-years per year with most of the man-power support provided by the GPU Nuclear support organizations located at the TMI site.

NRC COMMENT 3

The approximate amount paid to workers in each of the two preceding scenarios.

GPU NUCLEAR RESPONSE

- a. The total assumed payroll cost for the first scenario, based on the assumed workforce, would be \$57,500,000 per year for the undetermined duration of the continued cleanup activities.
- b. The total annual payroll cost for PDMS, based on the projected personnel requirements indicated in response to NRC Comment 2, will be approximately \$6,250,000 during the transition year and will reduce to \$3,750,000 for the duration of PDMS.

NRC COMMENT 4

The location of residence of the present workforce. For this data on the county of residence, the zip code of residence, or any other similar indication of geographic distribution will be acceptable.

GPU NUCLEAR RESPONSE

The distribution of the current workforce within the area surrounding TMI is provided as a percentage of the total TMI site workforce, by county, and is enclosed as Attachment 3.



# Harrisburg area's top employers

With a work force of 23,000, state government remains the No. 1 employer in the Harrisburg area. The top employers and the number of their workers are as follows:

Commonwealth of Pennsylvania .....	23,000
Navy Ships Parts Control Center .....	7,800
AMP Inc. ....	6,700
Hershey Foods Corp. ....	6,154
New Cumberland Army Depot .....	4,489
Pennsylvania Blue Shield .....	3,725
HERCO .....	3,590
Harsco Corp. ....	2,900
Kinney Shoes/Service Corp. ....	2,570
Hershey Medical Center .....	2,475
Harrisburg Hospital Health Foundation .....	2,230
Bethlehem Steel Corp. ....	2,100
IBM .....	2,000
GPU Nuclear/Three Mile Island .....	1,989
Polyclinic Medical Center .....	1,950
Harrisburg Post Office (city only) .....	1,734
Conrail .....	1,650
Army War College .....	1,550
Davenports Inc. ....	1,500
Giant Foods .....	1,449
C.H. Masland .....	1,400
Sears .....	1,400
Holy Spirit Hospital .....	1,390
Rite Aid Corp. ....	1,382
Weis Markets .....	1,261
Bell of Pennsylvania .....	1,240
Dauphin Deposit Bank & Trust Co. ....	1,207
DuPont Connector System .....	1,080
Commonwealth National Bank .....	1,073
United Telephone Co. ....	1,025
Electronic Data Systems .....	1,000
United Parcel Service .....	995
Boscov's .....	905
Federal Building .....	865
Book-of-the-Month Club .....	800
Capitol Products .....	800
Fruehauf Corp. ....	800
Roadway Express .....	800
Milton Hershey School .....	789
Carlisle Hospital .....	750
City of Harrisburg .....	734
Shippensburg University .....	734
PPG Industries .....	700
Capital Blue Cross .....	676
Appleton Papers Inc. ....	662
Osteopathic Hospital .....	656
Carlisle Syntex .....	650
Gannett Fleming Inc. ....	650
Pennsylvania National Insurance Group .....	643
Nationwide Insurance Co. ....	640
Dickinson College .....	629

Quaker Oats Co. ....	600
Carlisle Tire & Rubber Co. ....	591
Holiday Inns .....	589
Chromally American Corp. ....	535
Super Rite Foods .....	517
Johnson Baillie Shoes .....	500
K Mart .....	500
Patriot-News Co. ....	500
Pomeroy's .....	480
Peoples Drug Stores .....	475
CCNB Bank N.A. ....	465
AT&T .....	453
PP&L .....	445
Commonwealth Comm. Serv. Inc. ....	430
Iceland Food Corp. ....	425
Fox's Markets .....	420
Messiah College .....	410
Elizabethtown College .....	403
Brubaker Tool Corp. ....	400
Beistle Co. ....	400
Carolina Freight Corp. ....	400
Catalytic Inc. ....	400
L.B. Smith Inc. ....	400
McCoy Electronics .....	400
Hempt Brothers .....	390
Blue Ridge Nursing Homes .....	382
Stroehmann/Capital Bakers .....	380
The Computer Company .....	350
Rehab Hospital .....	350
Hess's .....	340
True Temper Corp. ....	340
Sheraton Inns .....	330
Leader Nursing Homes .....	325
Pathmark .....	320
Penn State/Harrisburg .....	318
Reeves-Hoffman .....	301
Harrisburg Area Community College .....	300
Hill Financial .....	300
Transcon Lines Inc. ....	290
Harrisburg Marriott Inn .....	280
GS Electric .....	260
TRW Inc. ....	260
Harris Savings Association .....	250
Frog Switch & Manufacturing .....	235
UGI .....	235
John Wanamaker .....	230
Central Storage & Transfer Co. ....	225
Host Inn .....	225
Olivetti Supplies Inc. ....	210
American Can Co. ....	200
Stephenson's Flowers .....	200
Mack Truck Co. ....	157
Puritan (Millersburg Division) .....	135
Harrisburg Dairies .....	120

Source: Patriot-News Research Department

APPROXIMATE DISTRIBUTION OF TMI-2  
PERSONNEL BY COUNTY

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<u>County</u>	<u>Percentage*</u>
Dauphin	50
Lancaster	25
Lebanon	15
Cumberland	5
York	5
Perry	1
Mifflin	1
Juniata	1
Berks	1
Schuylkill	1

\*These figures represent an approximate percentage of the TMI workforce residing in a specific county. Because these percentages are approximate, the total percentage is greater than 100%.