

March 25, 1994

Mr. Robert A. Fenech  
 Vice President, Nuclear Operations  
 Consumers Power Company  
 Palisades Plant  
 27780 Blue Star Memorial Highway  
 Covert, Michigan 49043

Dear Mr. Fenech:

SUBJECT: PALISADES PLANT - ADDITIONAL SITE EVALUATION FOR THE INDEPENDENT  
 SPENT FUEL STORAGE INSTALLATION (ISFSI) (TAC NO. M88875)

The staff has reviewed Mr. David Rogers' letter dated March 22, 1994, describing the analyses Palisades is performing to address recent questions regarding the ISFSI storage site. We understand that your efforts are focused in five areas: soil boring data, liquefaction potential, structural integrity of the pad, cask stability, and soil erosion. We expect that these analyses will include an assessment of the dynamic and static slope stability with the pad loaded and will assure that the cask response spectra envelopes the site response spectra.

It is our intent to conduct a timely review of your materials and issue a safety evaluation. Furthermore, we plan to visit your site on April 5, 1994, to inspect the ISFSI in light of the recent concerns. Upon completion of the staff's review of your analysis, we plan to conduct a public meeting at a location near the plant to discuss the results.

Sincerely,

Original signed by

John A. Zwolinski, Assistant Director  
 for Region III Reactors  
 Division of Reactor Projects - III/IV/V  
 Office of Nuclear Reactor Regulation

cc: See next page

\*See previous concurrence

OFFICE	*LA:PD31	*PM:PD31	*PD:PD31	*AD:RIII <sup>LS</sup>	*D:DRPH <sup>LS</sup>
NAME	CJamerson	AHsia:gll	LMarsh	JZwolinski	JRoe <sup>s</sup>
DATE	03/24/94	03/24/94	03/24/94	03/25/94	03/25/94

OFFICE	DE	(A)ADP	RIII	NMSS <sup>pe</sup>	D:NRD <sup>LS</sup>
NAME	BSheron	LReyes	JMartin	RBernero <sup>GA</sup>	WRussell
DATE	03/24/94	03/25/94	03/25/94	03/25/94	03/25/94

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OFFICE	*LA:PD31	*PM:PD31	*PD:PD31	OGC	*AD:RIII	*D:DRPW
NAME	CJamerson	AHsia:gl1	LMarsh		JZwolinski	JRoe
DATE	03/24/94	03/24/94	03/24/94	03/ /94	03/25/94	03/25/94

OFFICE	DE	(A):ADP	RIII	NMSS	D:NRR
NAME	BSheron	LReyes	JMartin	RBernero	WRussell
DATE	03/ /94	03/ /94	03/ /94	03/ /94	03/ /94

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DATE	03/24/94	03/24/94	03/24/94	03/ /94	03/25/94	03/25/94

OFFICE	(A):ADP	RIII	NMSS	D:NRR
NAME	LReyes	JMartin	RBernero	WRussell
DATE	03/ /94	03/ /94	03/ /94	03/ /94

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Mr. Robert A. Fenech  
Consumers Power Company

Palisades Plant

cc:

Mr. Thomas J. Palmisano  
Plant General Manager (Acting)  
Palisades Plant  
27780 Blue Star Memorial Highway  
Covert, MI 49043

Nuclear Facilities and Environmental  
Monitoring Section Office  
Division of Radiological Health  
Department of Public Health  
3423 N. Logan Street  
P. O. Box 30195  
Lansing, Michigan 48909

Mr. David W. Rogers  
Plant Safety and Licensing Director  
Palisades Plant  
27780 Blue Star Memorial Highway  
Covert, Michigan 49043

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N. W.  
Washington DC 20037

M. I. Miller, Esquire  
Sidley & Austin  
54th Floor  
One First National Plaza  
Chicago, Illinois 60603

Alora Davis  
Commitment Tracking System  
Coordinator  
Palisades Plant  
Consumers Power Company  
27780 Blue Star Memorial Hwy.  
Covert, Michigan 49043-9530

Mr. Thomas A. McNish, Secretary  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 49201

Judd L. Bacon, Esquire  
Consumers Power Company  
212 West Michigan Avenue  
Jackson, Michigan 49201

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Jerry Sarno  
Township Supervisor  
Covert Township  
36197 M-140 Highway  
Covert, Michigan 49043

Office of the Governor  
Room 1 - Capitol Building  
Lansing, Michigan 48913

U.S. Nuclear Regulatory Commission  
Resident Inspector Office  
Palisades Plant  
27782 Blue Star Memorial Highway  
Covert, Michigan 49043

March 1994

DISTRIBUTION FOR PALISADES ISFSI LETTER DATED:

Docket File  
NRC & Local PDRs  
WRussell  
RBernero  
JMartin, RIII  
LReyes  
JRoe  
JZwolinski  
LMarsh  
AHsia  
CJamerson  
OGC  
OPA  
OCA  
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PD31 Rdg.  
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H. Miller, RIII  
G. Grant, RIII  
W. Kropp, RIII  
R. Landsman, RIII