Wisconsin Electric POWER COMPANY
231 WEST MICHIGAN, MILWAUKEE, WISCONSIN 53201

August 21, 1981

Mr. H. R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Attention: Mr. Robert A. Clark, Chief
Operating Reactors Branch 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301
UNRESOLVED SAFETY ISSUE A-44
STATION BLACKOUT
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached you will find the completed data tables dealing with the reliability of on-site standby diesel generators as requested in your letter of July 20, 1981.

Should there be any need for clarification or minor follow-up information, please feel free to contact Mr. Robert E. Link, superintendent - engineering, quality, & regulatory affairs, at the Point Beach Nuclear Plant at 414-755-2321. If any furthe. detailed information or analysis is required, we assume that such a request will be made to us in writing.

Very truly yours,

C. W. Fay, Director
Nuclear Power Department

Attachment

Copy to NRC Resident Inspector

A015
S1/1

Plant Name Point Beach
Unit No. 1 & 2

TABLE 1

Diesel Generator Operations Data
Calendar Year 1980

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech. Spec Req'd Test						
Bi-weekly Surveillance one hour, one start per test	3D	27	0	100		
	4D	29	1	100	0 minutes	LER #2
Daily Surveillance one hour, one start per test (when required)	3D	11	0	100		
	4D	6	0	100		
Special Testing one hour, one start per test	3D	3	0	100		
	4D	4	0	100		
"Special Testing" is the unscheduled performance of the Technical Specification test whether required after maintenance or to verify operability in the event of failure of the other unit or as desired by Maintenance or Operations groups.						
DG Actual Demand Starts not for Testing						
	3D	1	0	0		LER 80-008/01T-0, Unit 2
	4D	1	0	0		LER 80-008/01T-0, Unit 2
Miscellaneous Tests (Specify Type)						
Post-refueling test of safeguards equipment	3D	3	0	100		
	4D	3	1	100	0 minutes	LER #1

Plant Name Point Beach
Unit No. 1 & 2

TABLE 1

Diesel Generator Operations Data
Calendar Year 1979

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech. Spec Req'd Test						
Bi-weekly Surveillance	3D	25	1	100	0 minutes	LER #3
	4D	28	0	100		
Daily Surveillance	3D	4	0	100		
	4D	4	0	100		
Special Testing	3D	3	0	100		
	4D	1	0	100		
DG Actual Demand Starts not for Testing						
	3D	0	0			
	4D	0	0			
Miscellaneous Tests (Specify Type)						
Post-refueling test of safeguards equipment	3D	2	0	100		
	4D	2	0	100		

Plant Name Point Beach
Unit No. 1 & 2

TABLE 1

Diesel Generator Operations Data
Calendar Year 1978

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech. Spec Req'd Test						
Bi-weekly Surveillance	3D	24	0	100		
	4D	27	1	100	0 minutes	LER #6
Daily Surveillance	3D	5	0	100		
	4D	4	0	100		
Special Testing	3D	3	0	100		
	4D	3	0	100		
DG Actual Demand Starts not for Testing						
	3D	0				
	4D	0				
Miscellaneous Tests (Specify Type)						
Post-refueling test of safeguards equipment	3D	2	0	100		
	4D	2	0	100		

Plant Name Point Beach
Unit No. 1 & 2

TABLE 1

Diesel Generator Operations Data
Calendar Year 1977

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech. Spec Req'd Test						
Bi-weekly Surveillance	3D	27	1	100	0 minutes	LER #7
	4D	27	0	100		
Daily Surveillance	3D	4	0	100		
	4D	4	0	100		
Special Testing	3D	2	0	100		
	4D	4	0	100		
DG Actual Demand Starts not for Testing						
	3D	0				
	4D	0				
Miscellaneous Tests (Specify Type)						
Post-refueling test of safeguards equipment	3D	2	0	100		
	4D	2	0	100		

Plant Name Point Beach
Unit No. 1 & 2

TABLE 1

Diesel Generator Operations Data
Calendar Year 1976

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech. Spec Req'd Test						
Bi-Weekly Surveillance	3D	25	1	100	0 minutes	LER #8
	4D	27	0	100		
Daily Surveillance	3D	7	0	100		
	4D	3	0	100		
Special Testing	3D	1	0	100		
	4D	5	0	100		
DG Actual Demand Starts not for Testing						
	3D	0				
	4D	0				
Miscellaneous Tests (Specify Type)						
Post-refueling test of safeguards equipment	3D	2	0	100		
	4D	2	0	100		

TABLE 2

Diesel Generator Scheduled Downtime Record
Calendar Year 19 76 - 1980

Plant Name Point Beach
Unit No. 1 & 2

Reason for Downtime	Hours of Downtime										Comments
	Reactor shutdown					Reactor not shutdown					
	DG# 3D	DG# 4D	DG#	DG#	DG#	DG# 3D	DG# 4D	DG#	DG#	DG#	
Scheduled Maintenance											
1980											
Annual Overhaul	0	0				103	106				
Special Maintenance Testing	0	0				23	6				
1979											
Annual Overhaul	0	0				103	83				
Special Maintenance Testing	0	0				4	0				
1978											
Annual Overhaul	0	0				104	99				
1977											
Annual Overhaul	0	0				84	81				
1976											
Annual Overhaul	0	0				79	60				
Special Maintenance Testing	0	0				60	0				
Time DG is unavailable for emergency service because of required tests	0	0				0	0				

TABLE 3

Diesel Generator Unscheduled Downtime Record
Calendar Year 19 76 - 1980

Plant Name Point Beach
Unit No. 1 & 2

LER Abstract No. (Refer to attached LER Abstracts)	Downtime Hours				Comments - If any of the reported failures would not have been a failure under emergency conditions, please explain here. Refer to attached LERs or the failures listed in Table 1.
	Total Hours	Trouble-shooting	Parts, Delivery, etc	Repair/ Replace	
LER #1	3	2	0	1	Speed sensing problem; Diesel would have operated on safety injection demand.
LER #2	5	1	0	4	Redundant starting system would have functioned on loss of AC.
LER #3	13	2	0	11	
LER #4	0	0	0	0	Potential problem; No failure.
LER #5	0	0	0	0	Potential problem; No failure.
LER #6	7	1	0	6	
LER #7	8	6	0	2	Speed sensing problem; Diesel would have operated on safety injection demand.
LER #8	12	10	0	2	

TABLE 4

Onsite Emergency Diesel Generator and Auxiliary Equipment Modification Record

Plant Name Point Beach
Unit No. 1 & 2

Equipment or procedure modified	Date of Mod.	Reason for Modification and Desired Improvement	Description of Modification
Diesel Exhaust System	09/79	Add exhaust manitold inspection port for examining exhaust screen.	(M-515) Installed inspection port kit in exhaust manifold.
Diesel Ventilation	11/80	To provide ventilation to diesel generator during a turbine hall fire.	(M-685) Air flow was reversed by reversing fan motor leads.

There have been no significant changes in diesel operating procedures.