Wisconsin Electric
POWER COMPANY

Point Beach Nuclear Plant
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NPL 97-0129

10 CFR 50.54(f)

June 3 1997

Document Control Desk
US NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

Ladies/Gentlemen:

DOCKETS 50-266 AND 50-301
RESPONSE TO NRC BULLETIN 96-01
CONTROL ROD TEST DATA FROM UNIT 2 OUTAGE U2R22
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

In accordance with commitments made in our April 3, 1996 response to Bulletin 96-01, control rod data from tests conducted in 1996 during our Unit 2 refueling outage are attached. As discussed in our response to the Bulletin, we committed to submit this data within 30 days of completing the last test of each outage. Due to the extension of our U2R22 refueling outage beyond calendar year 1996, we have decided to transmit the 1996 data now, rather than wait for the completion of our current U2R22 outage.

U2R22 was commenced in October 1996. Completed tests include:

(1) **End-of-Cycle (EOC) Rod Drop Testing** of Unit 2 rodded fuel assemblies was completed in October 1996. Without exception, the drop time for each control rod was less than the maximum limit of 2.2 seconds established in Technical Specification 15.3.10.H. Recoil was evident on all control rods. Test results are enclosed.

(2) **EOC Drag Force Tests on Discharged Assemblies** from Unit 2 were completed in October 1996. Drag force tests were performed on all rodded assemblies from Unit 2 Cycle 22 during rod unlatching (Unit 2 containment). Test results are enclosed.

Due to the length of our U2R22 outage, Beginning-of-Cycle (BOC) Control Rod Drag Force Testing and BOC Control Rod Drop Tests have not yet been conducted for Unit 2 Cycle 23. Because these tests will not have been conducted in calendar year 1996, they are not subject to our Bulletin 96-01 commitment to submit test data. Likewise, the commitment to submit a core map of rodded fuel assemblies for Unit 2 Cycle 23 does not apply for 1997 core configurations.

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This submittal completes our commitments related to Bulletin 96-01. Please contact us if there are any questions or if you require additional information.

Sincerely,

Douglas F. Johnson - Manager
Regulatory Services and Licensing

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Attachment

cc: NRC Resident Inspector
NRC Regional Administrator, PSCW,
PSCW (Attn: Paul Kitzenbel)

Subscribed and sworn before me on
this 3rd day of June, 1997.
Mary B Hobachach
Notary Public, State of Wisconsin
My commission expires 4/19/1998.

POINT BEACH NUCLEAR PLANT
UNIT 2 CYCLE 22
END-OF-LIFE ROD DROP TIMES AND DRAG TEST RESULTS

FUEL ASSEMBLY		CORE	GUIDETUB	DASHPOT	ROD DROP TIME	
ID	BURNUP	LOCATION	DRAG	DRAG	DASHPOT	SEAT
AA77	10842	L8	13.4 lb	14.5 lb	1.466 sec	2.013 sec
AA82	10782	L6	14.0 lb	15.3 lb	1.515 sec	2.103 sec
AA66	12837	K5	16.1 lb	19.0 lb	1.531 sec	2.125 sec
Z73	28150	K7	23.7 lb	29.2 lb	1.494 sec	2.013 sec
AA61	12802	K9	15.9 lb	23.9 lb	1.452 sec	1.992 sec
Z63	27205	J10	22.6 lb	26.2 lb	1.464 sec	2.013 sec
Z60	27617	J4	18.1 lb	22.5 lb	1.511 sec	2.045 sec
AA65	12842	I3	11.8 lb	20.0 lb	1.498 sec	2.025 sec
Z77	26773	I5	18.4 lb	22.9 lb	1.526 sec	2.053 sec
Z76	27268	I9	28.1 lb	32.0 lb	1.508 sec	2.188 sec
AA59	12892	I11	9.3 lb	14.5 lb	1.472 sec	1.988 sec
AA75	10856	H12	15.6 lb	19.6 lb	1.461 sec	2.052 sec
AA58	13048	H8	23.5 lb	24.2 lb	1.535 sec	2.117 sec
AA57	12939	H6	27.5 lb	30.6 lb	1.544 sec	2.136 sec
AA81	10820	H2	9.4 lb	9.9 lb	1.469 sec	2.047 sec
Z68	27645	G3	16.3 lb	27.0 lb	1.470 sec	2.043 sec
Z59	27921	G7	35.7 lb	41.9 lb	1.548 sec	2.101 sec
Z79	28248	G11	24.2 lb	29.7 lb	1.465 sec	2.027 sec
AA80	11041	F12	9.7 lb	14.3 lb	1.476 sec	2.064 sec
AA56	13190	F8	23.9 lb	22.5 lb	1.515 sec	2.057 sec
AA55	12910	F6	24.2 lb	24.2 lb	1.499 sec	2.076 sec
AA79	10929	F2	12.9 lb	14.5 lb	1.502 sec	2.073 sec
AA63	12690	E3	9.7 lb	12.5 lb	1.469 sec	2.029 sec
Z72	26640	E5	11.6 lb	16.1 lb	1.490 sec	1.983 sec
Z75	27358	E9	20.9 lb	24.3 lb	1.527 sec	2.039 sec
AA64	12943	E11	17.7 lb	18.9 lb	1.485 sec	2.050 sec
Z64	27117	D10	24.2 lb	28.3 lb	1.520 sec	2.267 sec
Z67	27211	D4	11.3 lb	22.6 lb	1.446 sec	2.027 sec
AA60	12882	C5	9.9 lb	14.9 lb	1.462 sec	2.011 sec
Z71	27794	C7	20.5 lb	21.6 lb	1.520 sec	2.137 sec
AA62	12956	C9	8.7 lb	12.6 lb	1.518 sec	2.123 sec
AA78	10806	B8	9.4 lb	12.9 lb	1.474 sec	2.064 sec
AA76	11255	B6	9.3 lb	11.4 lb	1.480 sec	2.048 sec