

CONTROL BLOCK:

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0	1	W	I	P	B	H	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	0						14	15	25										26	30					37	58		
		LICENSEE CODE							LICENSE NUMBER											LICENSE TYPE						CAT 58			

7 8 REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
0 1 L 6 0 5 0 0 0 2 6 6 7 0 4 0 8 8 2 8 0 5 0 7 8 2 9
DOCKET NUMBER EVENT DATE REPORT DATE

0 2 On 04/08/82, while conducting a review of the Technical Specification
0 3 setpoints and past test data for the 4.16 KV safeguards UV relays for
0 4 Units 1 and 2, it was determined that the relays did not meet the 0 volt
0 5 time delay specification (.3 seconds $\pm 5\%$) as per TS Table 15.3.5-1.
0 6 This occurrence is reportable in accordance with Technical Specifi-
0 7 cation 15.6.9.2.B.1. The public health and safety was not endangered.

[illegible]

1 0 The manufacturer's characteristic curves for the 4.16 KV UV relay indi-

1 1 cate .4 seconds +5% as the time delay setpoint at 0 volts. The relays

1 2 are, therefore, not capable of a time delay less than .38 seconds

1 3 (.4 seconds -5%). TS Change Request #77 was submitted on 04/27/82 to

1 4 correct the 0 volt time delay setting.

1 5 E 28 0 7 6 29 N/A B 31 Review of test data. 32

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

1 6 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

N/A

N/A

PERSONNEL EXPOSURES										
NUMBER		TYPE		DESCRIPTION						
1	7	0	0	0	37	Z	38	N/A		39

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	N/A

8205180 303

TYPE		DESCRIPTION	
1	9	2	N/A

2 0 N 44 N/A

PHONE: 414/277-2811

ATTACHMENT TO LICENSEE EVENT REPORT NO. 82-009/03L-0

Wisconsin Electric Power Company
Point Beach Nuclear Plant, Unit 1
Docket No. 50-266

On April 8, 1982 while conducting a review of the Technical Specification setpoints and past test data for the 4.16 KV safeguards undervoltage relays for Units 1 and 2, it was determined that the relays did not meet the zero V time delay specification (.3 seconds +5%) as per Technical Specification Table 15.3.5-1, Item 10a. This condition has existed on these relays since testing began with the new Technical Specification setpoints in March 1981. This occurrence is reportable in accordance with Technical Specification 15.6.9.2.B.1 as an engineered safety feature instrument setting which was found to be less conservative than that established by the Technical Specifications, but which did not prevent the fulfillment of the functional requirements of the affected system.

Prior to March 1981, the 4.16 KV undervoltage relays were tested to the limits on the manufacturer's characteristics curve for the Westinghouse-type CV-7 undervoltage relay.

On March 31, 1981, License Amendments 47 and 52 required testing the Units 1 and 2 4.16 KV undervoltage relays in accordance with Technical Specifications.

The Technical Specification setting for the 4.16 KV undervoltage relay for the zero V time delay is .3 seconds +5% as indicated in Table 15.3.5-1, Item 10a. The manufacturer's characteristics curve for the undervoltage relays show .4 seconds +5% as the time delay setpoint for the zero V time delay. The relays are, therefore, not capable of a time delay less than .38 seconds (.4 seconds -5%).

It was discovered that the 4.16 KV undervoltage relay test data was being compared to the past test data and relay characteristic curves rather than the Technical Specification setpoint limits. This accounts for the fact that the deviation from the Technical Specification settings was not discovered until the April 9, 1982 review of the test data and the Technical Specification setpoints. The last 4.16 KV undervoltage relay performed on Units 1 and 2 was November 1981 and May 1981 respectively. The relays actual time delay at zero V was .33 seconds during the last set of tests.

It appears that during Technical Specification drafting of Table 15.4.5-1, Item 10a, that the characteristic curve for the undervoltage relay was misinterpreted. The setpoint chosen for the Technical Specification should have been .4 seconds vice .3 seconds.

On March 9, 1982, Wisconsin Electric received a verbal waiver from Mr. Trammel of the NRC to increase the zero V time delay setpoint to .4 seconds until Technical Specification Change Request No. 77 is approved. This Technical Specification change increases the setpoint for the zero V time delay to $\leq .4$ seconds $\pm 10\%$.

All Technical Specification test data will be reviewed to the Technical Specification setpoints to ensure full compliance with the Technical Specifications. At all times the relays operated in agreement with their characteristic curve and were operable as designed.

The Resident Inspector has been notified of this event.