

ACCESSION NBR: 7912270580 DOC. DATE: 79/12/19 NOT INDEXED: NO DOCKET #
 FACIL: 90-263 Monticello Nuclear Generating Plant, Northern States 05000263
 AUTH. NAME AUTHOR AFFILIATION
 DAY, B. D. Northern States Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Region 3, Chicago, Office of the Director

SUBJECT: LER 79-021/03L-0: on 791119, during normal operation, per IE
 Bulletin 79-02 evaluation, snubber SS-31 base plate expansion
 anchor bolt safety factor found to be less than one. Caused
 by inadequate base plate & expansion anchor bolts.

DISTRIBUTION CODE: A0025 COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+1
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTTR	ENCL		ID CODE/NAME	LTTR
	05 BC ORB#3	4	4			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	09 I&E	2	2	11 MPA	3	3
	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	22 REAC SAFT BR	1	1
	23 ENGR BR	1	1	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 AD/SITE ANAL	1	1
	27 OPERA LIC BR	1	1	28 ACIDENT ANALYS	1	1
	29 AUX SYS BR	1	1	E JORDAN/IE	1	1
	HANAUER, S.	1	1	R IRELAND	3	3
	STS GROUP LEADR	1	1	TMI-H STREET	1	1
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	29 ACRS	16	16			

JAN 2 1980

TOTAL NUMBER OF COPIES REQUIRED: LTTR 51 ENCL 51

KB
A04



NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

December 19, 1979

Mr J G Keppler
Office of Inspection & Enforcement
U S Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr Keppler:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

Anchor Bolts for Snubber SS-31 Found Inadequate

The Licensee Event Report for this occurrence is reproduced on the back of this letter. Enclosed are three copies.

This event is reported in compliance with Technical Specification 6.7.B.2.b. because operation with an inoperable snubber is a degraded mode permitted by Technical Specification 3.6.H.2.

Yours very truly,

David Musney for
L O Mayer, PE
Manager of Nuclear Support Services

LOM/DMM/jh

cc: ~~L~~Director, IE, USNRC (30)
Director, MIPC, USNRC (3)
MPCA
Attn: J W Ferman

(Over)

*A002
5/1*

S 7912270 568

CONTROL BLOCK:

						(1)
--	--	--	--	--	--	-----

0	1	M	N	M	N	P	1	2	0	0	-	0	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER											25	26	LICENSE TYPE				30	57	CAT		58

CON'T

0	1
---	---

7 8

REPORT SOURCE

L	6	0	5	0	0	0	2	6	3	7	1	1	1	9	7	9	8	1	2	1	9	7	9	9
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02	During normal operation, evaluation of IE Bulletin 79-02 inspection results
03	revealed snubber SS-31 Base Plate Expansion Anchor Bolt Safety Factor Less Than 1.
04	SS-31 declared inoperable. Constitutes operation in degraded mode permitted by
05	T.S. 3.6.H.2. No effect on public health or safety. Analysis showed pipe stress
06	within code allowable without SS-31 during SSE. Redundant system operable during
07	event. Not a repetitive occurrence.

A number line is shown with tick marks at 7, 8, and 9. Above the tick mark for 7 is a box containing the digit 0. Above the tick mark for 8 is a box containing the digit 8. The tick mark for 9 is at the right end of the line.

SYSTEM CODE 0 9		CAUSE CODE C F		CAUSE SUBCODE B		COMPONENT CODE S U P P O R T						COMP. SUBCODE B		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LER/RO REPORT NUMBER 7 9		EVENT YEAR 7 9		SEQUENTIAL REPORT NO. 0 2 1		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0					
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230
ACTION TAKEN F		FUTURE ACTION F		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED N		NPRD-4 FORM SUB. N		PRIME COMP. SUPPLIER A	
231	232	233	234	235	236										

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Reanalysis indicated that base plate and expansion anchor bolts associated with

1 1 SS-31 were inadequate. The support was modified to increase safety factor to at

1 2 least 2 within 72 hours of event identification. A safety factor meeting the long

1 3 term requirements of IE Bulletin 79-02 will be assured.

1 4

7 8 9 80

80

FACILITY STATUS (28) 1 5 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

% POWER 0 9 8 29 NA OTHER STATUS (30)

METHOD OF DISCOVERY (31) C 45 46 47 48 49 50

DISCOVERY DESCRIPTION (32) Review of inspection results. 45 46 47 48 49 50

80

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) NA LOCATION OF RELEASE (36)

1 6 Z Z NA NA

7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

7	8	9	11	12	13	80
			PERSONNEL INJURIES			
			NUMBER	DESCRIPTION	(41)	

18		NUMBER			DESCRIPTION
0	0	0	40	NA	

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE		DESCRIPTION		7912270		580	
1	9	Z	(42) NA				

7 8 9 10 PUBLICITY (45) NRC USE ONLY 80

ISSUED		DESCRIPTION	
2	0	N	44 NA

NAME OF PREPARER B L Day

PHONE: 612/295-5151

CONTROL BLOCK:

--	--	--	--	--	--

 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

076-16 049