

300 Modison Avenue Toledo, OH 43652-0001 419-249-2300 Vice President - Nuclear Dovis-Bense

Docket Number 50-346

License Number NPF-3

Serial Number 2204

February 25, 1994

United States Nuclear Regulatory Commission Document Control Desk Washington, D. C. 20555

Subject: Second 10-Year Interval Inservice Inspection Program for Davis-Besse Nuclear Power Station (TAC No. M87188)

Gentlemen:

By letter dated August 20, 1993 (Log Number 4060), the Nuclear Regulatory Commission (NRC) provided Toledo Edison (TE) with the results of their review of the "Second Ten-Year Interval Inservice Inspection Program Plan for Davis-Besse Nuclear Power Station, Unit 1", Revision 3. In this letter, the NRC stated they would not make a conclusion regarding the adequacy of the program plan until after meeting with the TE staff to discuss the open issues identified during their review. The TE staff met with the NRC staff on September 23, 1993 to discuss the open issues. As a result of this meeting, TE agreed to resubmit Relief Request RR-B4 with additional justification.

Revised Relief Request RR-B4 is enclosed as Attachment 1. Tables showing the number and examination schedule of welds subject to this relief request are provided in Attachment 2.

TE also agreed to perform an augmented surface examination of attachment welds for "thin wall" piping addressed by Relief Request RR-B4. These examinations will be performed on attachment welds meeting the requirements of Note 1 of Examination Category C-C. Tables showing the number and examination schedule of the "thin wall" attachment welds are provided in Attachment 3.

In addition, the NRC's partial denial of Relief Request RR-A3 was discussed in the September 23 meeting. In the Technical Evaluation Feport (TER) included in the NRC's August 20, 1993 letter, the basis for partial denial was that the decay heat valve pit must be opened to perform examinations of pipe welds and therefore, a VT-2 examination and hydrostatic test could be performed at this time.

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> It is TE's intent to open the decay heat valve pit to perform the pipe weld examinations while the plant is in a mode where Technical Specification (TS) 3.5.2 (Emergency Cooling Systems) is not applicable (i.e., Mode 4, 5, or 6). The three pit must be resealed prior to entry into Mode 3 to meet TS . . . The hydrostatic test and system pressure tests of these components can only be performed with the plant in Mode 3 in order to meet TS 3.4.2 (Reactor Coolant System Safety Valves - Shutdown) and TS 3.4.9 (Reactor Coolant System Pressure/Temperature Limits). Therefore, reopening the decay heat valve pit to perform the VT-2 examination during the hydrostatic test or system pressure tests would require entry into a 72 hour Limiting Condition for Operation (LCO) action statement. As was acknowledged in the TER, the valve pit cover cannot be removed, reinstalled and satisfactorily tested during the 72 hour time period. Based upon the above discussion, TE requests that this Relief Request be reconsidered.

> In order to support the upcoming refueling outage, TE requests that these Relief Requests be approved by October 1, 1994. Should you have any additional questions regarding this information, please contact Mr. William T. O'Connor, Manager - Regulatory Affairs, at (419) 249-2366.

Very truly yours,

NKP/eld

Attachments

cc: J. B. Martin, Regional Administrator, NRC Region III

S. Stasek, DB-1 NRC Senior Resident Inspector

R. J. Stransky, NRC Project Manager Utility Radiological Safety Board Docket Number 50-346 License Number NPF-3 Serial Number 2204 Attachment 1 Page 1

# RELIEF REQUEST RR-B4

# Component Description:

ASME Class ? Emergency Core Cooling and Main Steam piping welds

# ASME Code Class:

ASME Section XI, Class 2, C-F-1, Pressure Retaining Welds in Austenitic Stainless Sizel or High Alloy Piping

ASME Section XI, Class 2, C-F-2, Pressure Retaining Welds in Carbon or Low Alloy Steel Piping

# ASME Examination Requirements:

Code Categories C-F-1 and C-F-2 require surface and volumetric examinations for piping welds greater than or equal to 3/8 inch nominal wall thickness for piping greater than 4 inch nominal pipe size. For High Pressure Injection Systems, a surface and volumetric examination is required for piping welds greater than 1/5 inch nominal wall thickness for piping greater than or equal to 2 inch nominal pipe size and less than or equal to 4 inch nominal pipe size.

Per Note 2 of C-F-1 and C-F-2, welds not exempted by IWC-1220 which do not meet the above criteria do not require nondestructive examination, but are required to be included in the total weld count to which the 7.5% sampling rate is applied.

# Basis for Relief:

Relief is requested from the minimum wall thickness requiring examination as specified in Code Categories C-F-1 and C-F-2.

The piping in the Containment Spray discharge, the Decay Heat Removal discharge, the Decay Heat Removal suction from the Reactor Coolant System Class 1 boundary, and the Main Steam supply for the Auxiliary Feedwater Pumps from the Main Steam lines to the first isolation valve has a wall thickness less than 3/8 inch and greater than 1/5 inch. The piping in the Containment Spray suction, the High Pressure Injection suction, the High Pressure Injection recirculation line, the Decay Heat Removal suction from the Borated Water Storage Tank, and the Decay Heat Removal suction from the Emergency Sump has wall thickness less than 1/5 inch. This "thin wall" piping is not subject to any nondestructive examination under Code Categories C-F-1 or C-F-2.

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When the selection criterion of C-F-1 and C-F-2 Note 2 is applied to these systems, approximately 93% of the Class 2 Decay Heat Removal discharge welds past the Containment Isolation Valves, approximately 26% of the High Pressure Injection discharge, and approximately 11% of the Main Steam System welds receive a nondestructive examination per Examination Categories C-F-1 and C-F-2. These sampling rates exceed the 7.5% sampling rate established in ASME Section XI. In addition, the welds requiring examination in the Emergency Core Cooling Systems are concentrated in approximately 1/3 of the total welds in the systems. This distribution is such that the requirements of C-F-1 and C-F-2 Note 2 can not be met.

Toledo Edison believes that appropriate nondestructive examination of circumferential welds in the "thin wall" portion of these systems is is warranted.

Volumetric examinations are not appropriate for all piping wall thicknesses. Volumetric examination requirements are established in Appendix III of ASME Section XI. These requirements are not applicable to piping with a wall thickness less than 1/5 inch. Code Case N-435-1 provides alternative ASME Section XI examination requirements for vessels with a wall thickness of 2 inches or less. This Code Case states that a surface examination may be applied in lieu of volumetric examinations for vessels with a wall thickness 1/5 inch or less. This Code Case recognizes that volumetric examination of welds with a wall thickness less than 1/5 inch to ASME Section XI requirements is impractical.

Longitudinal welds adjacent to circumferential welds also require examination under Code Categories C-F-1 or C-F-2. In "thin wall" piping, the area of interest for longitudinal welds is nearly or completely encompassed by the required circumferential weld examination surface area depicted in Figure IWC-2500-7.

## Alternative Examination:

The minimum nominal wall thickness specified in Code Categories C-F-1 and C-F-2 will not be used to exclude welds from examination in the Containment Spray, Decay Heat Removal, High Pressure Injection, or Main Steam systems. The following requirements will be used to establish examination requirements for C-F-1 and C-F-2 category welds in these systems.

- The 7.5% sampling rate will be applied to all non exempt welds.
- Welds selected which meet the nominal wall thickness requirements of Code Categories C-F-1 and C-F-2 will receive surface and volumetric examinations.

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- Welds in piping greater than NPS 4 with wall thicknesses between 1/5 inch and 3/8 inch will receive an augmented surface and volumetric examination.
- Welds in piping wall thicknesses less than 1/5 inch will receive an augmented surface examination.
- Longitudinal welds will not be subjected to separate examinations.

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Attachment 2 Page: 1 of 7

Code Class ....2 System ......BWST - BORATED WATER Code Category .C-F-1

		Quantity of					1		2			3
de		Total	Components			Examinations	#	%	#	X		X
ME	ASME Item Description	Components	Selected	%		Required	Exams	Schd	Exams	Schd	Exams	Sch
*********	***************************************	***********	*************			***********	******		SERRENCE	REEDED	******	REFEE
.118	CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL	7	0	0	VOL	0	0	***	0	***	0	***
	THICKNESS FOR PIPING > NPS 4				SUR	0	0	***	0	***	- 0	***
					VIS	0	0	***	0	***	0	***
				70	TAL	0	0	***	0	***		***
	nexempt piping > NPS 4 with a pipe wall thickness less			esignati	on in t	he Code Item (		st RR-84.				
1. Nor 2. Wel	nexempt piping > NPS 4 with a pipe wall thickness less lds with a piping wall thickness less than that requiri is is an Augmented Examination.			esignati	on in t	he Code Item (		st RR-84.				
1. Nor 2. Wel 3. Thi	lds with a piping wall thickness less than that requiring is is an Augmented Examination.	ng examination		esignati	on in t	he Code Item (		st RR-84.	0	***	0	888
1. Nor 2. Wel 3. Thi	lds with a piping wall thickness less than that requiri is is an Augmented Examination. LONGITUDNAL PIPE WELD <= 1/5 IN. NOMINAL WALL THIC	ng examination		esignati	on in t	he Code Item (			0 0	***	0 0	***
1. Nor 2. Wel 3. Thi	lds with a piping wall thickness less than that requiring is is an Augmented Examination.	ng examination		esignati	on in t	he Code Item (		***	0 0		0 0	
1. Nor 2. Wel 3. Thi	lds with a piping wall thickness less than that requiri is is an Augmented Examination. LONGITUDNAL PIPE WELD <= 1/5 IN. NOMINAL WALL THIC	ng examination		esignati 500-1 an	on in t e sched VOL SUR	he Code Item (		***	0 0 0	***	0 0 0	***
1. Nor 2. Wel	lds with a piping wall thickness less than that requiri is is an Augmented Examination. LONGITUDNAL PIPE WELD <= 1/5 IN. NOMINAL WALL THIC	ng examination		esignati 500-1 an	on in the sched	he Code Item (		***	0 0 0	***	0 0 0	***

2. Longitudnal welds intersecting circumferential welds are not scheduled for examination per Relief Request RR-B4.

Total	for Category	y C-F-1	17	0	0				
Total	for Suctom	BWST - BORATED WATER			TOTAL	0	0 ***	0 ***	0 ***
100et	ioi system	DWST - DURNIED WATER	17	0	0				
					TOTAL	0	0 ***	0 ***	0 ***

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Code Class ....2

System ......CONTAINMENT SPRAY SYSTEM

Code Category .C-F-1

Quantity of Code Total Components Examinations item ASME Item Description Components Selected Required Schd Exams Exams Schd Schol Exams CIRCUMFERENTIAL PIPE WELD < 3/8 IN. & > 1/5 IN. NO 88 C05.11A 8 VOL 0 43 MINAL WALL THICKNESS FOR PIPING > NOS 4 SUR 0 43 VIS n 0 0 0 0 0 0 14 8 57 43 TOTAL 0 Note: 1. Monexempt piping > NPS 4 with a pipe wall thickness less than 3/8 in. but greater than 1/5 in. is given an "A" designation in the Code Item number. 2. Welds with a piping wall thickness less than that requiring examination by Table 1MC-2500-1 are scheduled per Relief Request RR-84. 3. This is an Augmented Examination. CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL 12 THICKNESS FOR PIPING > HPS 4 SUR 100 0 0 VIS 0 0 0 0 0 TOTAL 100 Note: 1. Nonexempt piping > NPS 4 with a pipe wall thickness less than 1/5 in. is given a "8" designation in the Code Item Number. 2. Welds with a piping wall thickness less than that requiring examination by Table 1WC-2500-1 are scheduled per Relief Request RR-84. 3. This is an Augmented Examination. C05.12A LONGITUDNAL PIPE WELD < 3/8 IN. & > 1/5 IN. NOMINA 84 VOL 0 0 \*\*\* \*\*\* \*\*\* L WALL THICKNESS FOR PIPING > NPS 4 0 0 SUR 0 VIS \*\*\* 0 \*\*\* 老老老 Û 0 0 TOTAL 0 0 Note: 1. Nonexempt piping > NPS 4 with a pipe "all thickness less than 3/8 in, but is greater than 1/5 in, is given an "A" designation in the Code Item number. 2. Longitudnal welds intersecting circumferential welds are not scheduled for examination per Relief Request RR-B4. LONGITUDNAL PIPE WELD <= 1/5 IN, NOMINAL WALL THIC 10 0 0 CO5.128 VOL \*\*\* 0 \*\*\* \*\*\* KNESS FOR PIPING > NPS 4 SUR 0 0 VIS 0 0 O 0 TOTAL

#### Note:

- 1. Nonexempt piping > NPS 4 with a pipe wall thickness less than 1/5 in. is given an "B" designation in the Code Item Number.
- 2. Longitudhal welds intersecting circumferential welds are not scheduled for examination per Relief Request RR-B4.

Total	for Category	C-F-1	194	8	4								
					TOTAL	15	1	7	8	53	6	40	
Total	for System	CONTAINMENT SP	PRAY SYSTEM		1 7 1								
			194	8	TOTAL	15	1	7	8	53	6	40	

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Code Class ....2

System ......DECAY HEAT & LOW PRESSURE INJECTION

Code Category .C-F-1

		Quantity of					1		2		3	
e		Total	Components			Examinations	#	X.	#	X	#	X.
65.	ASME Item Description	Components	Selected	X		Required	Exams	Schd	Exams	Schd	Exams	Scho
****	***************************************	**********		********			********	*******	*******	TERRED!	PEREZERA	DESTRE
011	CIRCUMFERENTIAL PIPE WELDS >= 3/8 IN. NOMINAL WALL	42	4	10	VOL	4		25		25	2	50
	THICKNESS				SUR	4	1	25	1	25	2	50
					VIS	0	0	0	0	0	0	0
				TOTA	IL.	8	2	25	2	25	4	50
11A	CIRCUMFERENTIAL PIPE WELD < 3/8 IN. & > 1/5 IN. NO	281	21	7	VOL	21 21	0	0	i3 13	62 62	8	38 38
	MINAL WALL THICKNESS FOR PIPING > NPS 4				AIR	0	6	0	13	0	8	
						- 11		- 5.5	7.5			0
				***	1000000000							
				TOTA	1000000000	42	0	0	26	62	16	38
ite:				TOTA	1000000000							
1.	Nonexempt piping > NPS 4 with a pipe wall thickness less Welds with a piping wall thickness less than that requiring this is an Augmented Examination.			1/5 in. i	L s giv	42 ven an #A# des	0 ignation	0 in the C	26 Code Item	62	16	
1. 2. 3.	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.	ng examination		1/5 in. i	s giv sched	42 ren an "A" des duled per Reli	0 ignation	0 in the C	26 Code Item	62	16	38
1. 2. 3.	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL		by Table IWC-2	1/5 in. i	L s giv	42 ven an #A# des	0 ignation	in the C	26 Code Item	62 number	16	38
1. 2. 3.	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.	ng examination	by Table IWC-2	1/5 in. i	s giv sched VOL SUR	42 ven an "A" des duled per Relia 0 9	0 ignation of Reques 0 4	0 in the C t RR-84.	26 Code Item	number 0 33	0 2	38 0 22
2.	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL	ng examination	by Table IWC-2	1/5 in. i	s giv sched VOL SUR VIS	42 ren an "A" des duled per Relia	0 ignation	in the Cit RR-84.	26 Code Item	62 number	16	38
1. 2. 3.	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL THICKNESS FOR PIPING > NPS 4	ng examination	by Table IWC-2	1/5 in. i 500-1 are 8	s giv sched VOL SUR VIS	ven an "A" des duled per Relia 0 9 0 9	ignation of Reques	0 in the C RR-84.	26 Code Item 0 3	0 33 0	0 2 0	0 22 0
1. 2. 3. 118	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL THICKNESS FOR PIPING > NPS 4  Nonexempt piping > NPS 4 with a pipe wall thickness less welds with a piping wall thickness less than that requiring this is an Augmented Examination.	ng examination	by Table IWC-2	1/5 in. i 500-1 are 8 TOTA	VOL SUR VIS	ven an "A" des duled per Relia 0 9 0 9	ignation of Reques 0 4 0 4	0 in the C RR-B4.	26 Code Item 0 3 0 3	0 33 0	0 2 0	0 22 0
1. 2. 3. 118	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL THICKNESS FOR PIPING > NPS 4  Nonexempt piping > NPS 4 with a pipe wall thickness less welds with a piping wall thickness less than that requiring	ng examination	by Table IWC-2	1/5 in. i 500-1 are 8 TOTA	VOL SUR VIS	ven an "A" des duled per Relia 0 9 0 9	ignation of Reques 0 4 0 4	0 in the C RR-B4.	26 Code Item 0 3 0 3	0 33 0	0 2 0	0 22 0
1. 2. 3. 18	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL THICKNESS FOR PIPING > NPS 4  Nonexempt piping > NPS 4 with a pipe wall thickness less welds with a piping wall thickness less than that requiring this is an Augmented Examination.	ng examination  114  than 1/5 in. ing examination	y Table IWC-29	1/5 in. i 500-1 are 8 TOTA	s giv sched VOL SUR VIS	ven an "A" des duled per Relia 0 9 0 9	ignation of Reques 0 4 0 4 Number. of Reques	0 in the C t RR-84.	26 Code Item 0 3 0 3	0 33 0 33	0 2 0 2	0 22 0 22
1. 2. 3. 118	Welds with a piping wall thickness less than that requiring this is an Augmented Examination.  CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL THICKNESS FOR PIPING > NPS 4  Nonexempt piping > NPS 4 with a pipe wall thickness less welds with a piping wall thickness less than that requiring this is an Augmented Examination.  LONGITUDNAL PIPE WELD < 3/8 IN. & > 1/5 IN. NOMINA	ng examination  114  than 1/5 in. ing examination	y Table IWC-29	1/5 in. i 500-1 are 8 TOTA	s giv sched VOL SUR VIS UL	ven an "A" des duled per Relia 0 9 0 9 the Code Item I	ignation of Reques 0 4 0 4 Number. of Reques	0 in the C t RR-84.	26 Code Item 0 3 0 3	0 33 0 33	0 2 0 2	0 22 0 22

#### Note:

- 1. Nonexempt piping > NPS 4 with a pipe wall thickness less than 3/8 in. but is greater than 1/5 in. is given an "A" designation in the Code Item number.
- 2. Longitudnal welds intersecting circumferential welds are not scheduled for examination per Relief Request RR-84.

Code Class ....2

System ......DECAY HEAT & LOW PRESSURE INJECTION Code Category .C-F-1

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32 53 22 37

6 10

		Quantity of					1		2		100	3
ode tem	ASME Item Description	Total Components	Components Selected	×		Examinations Required	# Exams	% Schd	# Exams	% Schd	# Exams	% Schd
******	***************************************		***********		*****	**********		*********	********	CERREE	*****	
5.128	LONGITUDNAL PIPE WELD <= 1/5 IN. NOMINAL WALL THIC	167	0	0	YOL.	0	0	***	0	***	0	***
	KNESS FOR PIPING > MPS 4				SUR	0	0	244	0	***	. 0	***
					VIS	0	0	***	0	222	0	200
				101	AL	0	0	***	0	***	0	***
Note:												
1.	Nonexempt piping > MPS 4 with a pipe wall thickness less	than 1/5 in. i	s given an "8" c	les i ana? i	2567 527	the Code Item	Mumber.					
2.												
							0	0	0	0	0	0
	Longitudnal welds intersecting circumferential welds are	not scheduled		per Reii	ef ked	puest RR-B4.	0	0	0	0	0	0
	Longitudnal welds intersecting circumferential welds are conscient to the constant of the cons	not scheduled		per Reii	ef ked	puest RR-B4.	0	0 0	0 1 0	0 100 0		0 0
2. 5.41A	Longitudnal welds intersecting circumferential welds are conscient to the constant of the cons	not scheduled		per Reii	VOL SUR VIS	puest RR-B4.	0	0 0 0	0 1 0 1		0	0 0 0
	Longitudnal welds intersecting circumferential welds are conscient to the constant of the cons	not scheduled		per Reli	VOL SUR VIS	puest RR-B4.	0	0 0 0	0 1 0 1	0	0	0 0 0
i.41A	Longitudnal welds intersecting circumferential welds are some constant and the connections of the connections of the connection of the con	not scheduled	for examination	per Reli 8 Tot	VOL SUR VIS	0 - 1 0 1	0 0 0 0	0	1	100	0 0	0
.41A lote:	Longitudnal welds intersecting circumferential welds are some constraints of the constraint of the con	not scheduled	for examination	per Reli 8 Tot	VOL SUR VIS	0 - 1 0 1	0 0 0 0	0	1	100	0 0	0
5.41A Vote:	Longitudnal welds intersecting circumferential welds are some constraints of the constraint of the con	not scheduled	for examination	8 TOT by Table	VOL SUR VIS	0 - 1 0 1	0 0 0 0	0	1	100	0 0	0

TOTAL

873

## TOLEDO EDISON DAVIS-BESSE EXAMINATION STATISTICS PROGRAM INTERVAL 2

SCHEDULED EXAMINATIONS FOR CODE CLASS 2

Code Class ....2

System ......HIGH PRESSURE INJECTION - EMERGENCY CORE COOLING

Code Category .C-F-1

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Code Item	ASME Item Description	Quantity of Total Components	Components Selected	×	Examinations Required	# Exams	% Schd	Exams 5		g Exams	% Schd
C05,021	CIRCUMFERENTIAL PIPE WELDS > 1/5 IN. NOMINAL WALL THICKNESS	259	20	8 VI SI VI TOTAL	DL 20 JR 20	5 5 0 10	25 25 0 25	7 7 0	35 35 0 35	8 8 0 16	40 40 0 40
C05.030	SOCKET WELDS	10	1	10 VC SI VI TOTAL	JR 1	0 0 0	0 0 0	0 1 1	0 00 0	0 0 0 0	0 0 0
C05.041	CIRCUMFERENTIAL PIPE BRANCH CONNECTION WELDS > 2 I N. NOMINAL BRANCH PIPE SIZE	Z	1	50 VC SU VI TOTAL	JR 1	0 0 0 0 0	0 0 0	0 0 0	0 0 0	0 1 0 1	0 100 0 100
C05.11A	CIRCUMFERENTIAL PIPE WELD < 3/8 IN. & > 1/5 IN. NO MINAL WALL THICKNESS FOR PIPING > NPS 4	1	0	0 VC SI V) TOTAL	JR 0	0 0 0 0	化物质 物物物 物物的 物物的	0 *	(金) (金) (金)	0 0 0	***

#### Note:

- 1. Nonexempt piping > NPS 4 with a pipe wall thickness less than 3/8 in. but greater than 1/5 in. is given an "A" designation in the Code Item number.
- 2. Welds with a piping wall thickness less than that requiring examination by Table IMC-2500-1 are scheduled per Relief Request RR-B4.
- 3. This is an Augmented Examination.

## TOLEDO EDISON DAVIS-BESSE EXAMINATION STATISTICS PROGRAM INTERVAL 2

SCHEDULED EXAMINATIONS FOR CODE CLASS 2

Code Class ....2

System ......HIGH PRESSURE INJECTION - EMERGENCY CORE COOLING

Code Category .C-F-1

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TOTAL 54 14 26 18 33 22 41

ode tem	ASME Item Description	Quantity of Total Components	Components Selected	*	Examinations Required	# Exams	% Schd	# Exams	% Schd	# Exams	% Scho
	***************************************		***********	***********	***********	******	PRESERVE	121510203	EZETZKI		RESERVE
35.118	CIRCUMFERENTIAL PIPE WELD <= 1/5 IN. NOMINAL WALL	31	2	6 VOL	0	0	0	0	G	0	0
	THICKNESS FOR PIPING > NPS 4			SUR		1	50	. 0	0		50
				VIS		0	0	0	0	0	0
				TOTAL	2	1	50	0	0		50
Note:											
1.	Nonexempt piping > MPS 4 with a pipe well thickness less Welds with a piping wall thickness less than that requiri This is an Augmented Examination.						st RR-84				
5.12B	LONGITUONAL PIPE WELD <= 1/5 IN. NOMINAL WALL THIC	24	0	0 VOL	0	0	***	0	488	0	***
120	KNESS FOR PIPING > NPS 4	2.4		SUR	0	0	***	0	***	0	***
	NOTE OF THE PARTY OF A			VIS		0	***	0	***	0	***
				TOTAL	0	0	***	0	***	0	***
Note:											
	Nonexempt piping > NPS 4 with a pipe wall thickness less Longitudnal welds intersecting circumferential welds are					Number.					
5.21A	CIRCUMFERENTIAL PIPE WELD < 1/5 IN. NOMINAL WALL T	142	10	7 VOL	0	0	0	0	0	0	0
	HICKNESS FOR PIPING >= MPS 2 AND <= MPS 4			SUR	10	3	30	3	30	- 4	40
	HICKNESS FOR PIPING >= NPS 2 AND <= NPS 4			SUR VIS		3 0	30	3 0	30	0	40
	HICKNESS FOR PIPING >= NPS 2 AND <= NPS 4					-				0 4	
	HICKNESS FOR PIPING >= MPS 2 AND <= MPS 4			VIS	0	0	0	0	0	0	0
2.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall t Welds with a riping wall thickness less than that requiri This is an Augmented Examination.			VIS TOTAL given an "A"	0 10 designation in	0 3	0 30 e Item n	0 3	0	0 4	0
1. 2. 3.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall t Welds with a riping wall thickness less than that requiri This is an Augmented Examination.			VIS TOTAL given an "A" 500-1 are sche	0 10 designation in duled per Reli	0 3 the Code ef Reques	0 30 e Item n	0 3	0	0 4	0
1. 2. 3.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall the Welds with a riping wall thickness less than that requiring is an Augmented Examination.  CIRCUMFERENTIAL WELD IN SIPE BRANCH CONNECTIONS OF			TOTAL  given an "A" 500-1 are sche	0 10 designation in duled per Reli	0 3	0 30 e Item n st RR-84	0 3 umber.	0 30	0 4	0 40
1. 2. 3.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall t Welds with a riping wall thickness less than that requiri This is an Augmented Examination.			given an "A" 500-1 are sche	0 10 designation in duled per Reli	0 3 the Codi ef Reques	0 30 e Item n st RR-84	0 3 umber,	0 30	0	40
1. 2. 3.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall the Welds with a riping wall thickness less than that requiring is an Augmented Examination.  CIRCUMFERENTIAL WELD IN SIPE BRANCH CONNECTIONS OF			TOTAL  given an "A" 500-1 are sche	0 10 designation in duled per Reli	0 3 the Code of Request 0 0	0 30 e Item n st RR-84	0 3 umber.	30	0 0	40
1. 2. 3.	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall the Welds with a riping wall thickness less than that requiring is an Augmented Examination.  CIRCUMFERENTIAL WELD IN SIPE BRANCH CONNECTIONS OF			given an "A" 500-1 are sche	0 10 designation in duled per Reli 0 0	0 3 the Code of Request 0 0 0	0 30 e Item n st RR-84 ***	0 3 umber.	***	0 0 0	***
1. 2. 3. 3. 15.41A	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall the Welds with a riping wall thickness less than that requiring is an Augmented Examination.  CIRCUMFERENTIAL WELD IN SIPE BRANCH CONNECTIONS OF	ng examination	by Table IWC-2	given an "A" 500-1 are sche  0 VOL SUR VIS	designation in duled per Reli	0 3 the Code of Request 0 0 0 0	0 30 e Item n st RR-84	0 3 umber.	0 30	0 0 0	***
1. 2. 3. 5.41A	Nonexerot piping >= NPS 2 and <= NPS 4 with a pipe wall the welds with a piping wall thickness less than that requiring is an augmented Examination.  CIRCUMFERENTIAL WELD IN FIPE BRANCH CONNECTIONS OF THIN WALL BRANCH PIPING >= NPS 2	ng examination	by Table IWC-2	given an "A" 500-1 are sche  0 VOL SUR VIS	designation in duled per Reli	0 3 the Code of Request 0 0 0 0	0 30 e Item n st RR-84	0 3 umber.	0 30	0 0 0	***
1. 2. 3. 5.41A	Nonexempt piping >= NPS 2 and <= NPS 4 with a pipe wall the Welds with a riping wall thickness less than that requiring is an Augmented Examination.  CIRCUMFERENTIAL WELD IN FIPE BRANCH CONNECTIONS OF THIN WALL BRANCH PIPING >= NPS 2  Nonexempt piping with a pipe wall thickness less than that	ng examination  4  at designated for  473	or examination	given an "A" 500-1 are sche  0	designation in duled per Reli 0 0 0 0	the Code of Request 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 30 e Item nst RR-84 *** ***	0 3 umber. 0 0 0 0	0 30 *** *** ***	0 0 0 0	40 40 40 40 40 40 40 40 40 40 40 40 40 4

Serial Number 2204 Attachment 2

10 23 17 39 17 39

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Docket Number 50-346

License Number NPF-3

Code Class ....2

System ......MAIR STEAM SYSTEM Code Category .C-F-2

Code Item	ASME Item Descriptio		Quantity of Total Components	Components Selected	*		Examinations Required	# Exams	X Schd	# Exams		# Exams	% Schd
C05.051	CIRCUMFERENTIAL PIPE WELDS >= THICKNESS FOR PIPING >NPS 4	3/8 IN. NOMINAL WALL	99	8	8 TOTAL	VOL SUR V1S	8 8 0 16	3 3 0 6	38 38 0 38	2 2 0 4	25 25 0 25	3 3 0 6	38 38 0 38
c05.052	LONGITUDNAL PIPE WELDS >= 3/8 CKNESS FOR PIPING >4 NPS	IN. NOMINAL WALL THI	77	7	9 TOTAL	VOL SUR VIS	7 7 0 14	2 2 0 4	29 29 0 29	2 2 0 4	29 29 0 29	3 3 0 6	43 43 0 43
05.081	CIRCUMFERENTIAL WELD IN PIPE B BRANCH PIPING >= NPS 2	RANCH CONNECTIONS OF	24	2	8 TOTAL	VOL SUR VIS	0 2 0 2	0 0 0 0	0 0 0 0	0 1 0 1	0 50 0 50	0 1 0 1	0 50 0 50
CO5.51A	CIRCUMFERENTIAL PIPE WELDS < 3 THICKNESS FOR PIPING > NPS 4	5/8 IN. NOMINAL WALL	80	6	8 TOTAL	VOL SUR VIS		0 0 0	0 0 0 0	4 4 0 8	67 67 0 67	2 2 0 4	33 33 0 33
	Nonexempt piping > NPS 4 with a pipe Welds with a piping wall thickness this is an Augmented Examination.								st RR-84				
	Total for Category  Total for System		260	23	8 TOT	AL	44	10	23	17	39	17	39
	total for system	MAIR DIENN STOTEN	280	23	8								

TOTAL

Code Class .... Z System .......CONTAINMENT SPRAY SYSTEM Code Category .C-C Docket Number 50-346 License Number NPF-3 Serial Number 2204 Attachment 3 Page: 1 of 4

Code Item ASME Item Description	Quantity of Total Components	Components Selected	X ***********	Examinations Required	f X Exams Schd	g % Exams Schd	# % Exams Schd
CO3.20A THIN WALL PIPING INTEGRALLY WELDED ATTACHMENTS	23	9	39 VC SU VI TOTAL	IR 9	0 0 0 0 0 0	0 0 6 67 0 0 6 67	0 0 3 33 0 0 3 33

Note:

1. Nonexempt piping with a pipe wall thickness less than that designated for examination by Table IVC-2500-1 is given an "A" designation in the Code Item number.

2. This is an Augmented Examination.

Tota	for	Category	C-C		23	 9	39								
Tota	for	Sustan	CONTAINMENT SPR	MATERS VA			TOTAL	5		0	0	6	67	3	33
1000		o y o cem	SOM INTERNET STA	MI VIVION	23	9	39			11					
							TOTAL		2	0	0	6	67	. 3	33

Code Class ....2

System ......DECAY HEAT & LOW PRESSURE INJECTION Code Category .C-C

Docket Number 50-345 License Number NPF-3 Serial Number 2204 Attachment 3 Page: 2 of 4

		Quantity of						,			
ode tem	ASME Item Description	Total Components	Components Selected	X	Examinations Required	# Exams	% Schd	# Exams	% Schd	# Exams	% Schd
03.020	PIPING-INTEGRALLY WELDED ATTACHMENTS	7	1	14 VOL	0	0	0	0	0	0	0
				SUR		. 0	0	0	0	1	100
				TOTAL	0	0	0	0	0	0	100
				winc							
3.20A	THIN WALL PIPING INTEGRALLY WELDED ATTACHMENTS	84	14	17 VOL		0	0	0 0	0 64	0 5	0 36
				VIS		0	0	0	0	0	0
				TOTAL	14	0	0	9	64	5	36
	Nonexempt piping with a pipe wall thickness less than that This is an Augmented Examination.	designated fo	or exemination b	y Table IWC-2	2500-1 is given	an "A"	designati	on in th	e Code	Item num	ber.
	Total for Category C-C	91	15	16							
	Total for System DECAY HEAT & LOW PRESS	NIDE THIECTION		TOTAL	15	0	0	y	50	6	40
	TOTAL TOP SYSTEM DELAT BEAT & LOW PRESS	91	15	16							

TOTAL

## TOLEDO EDISON DAVIS-BESSE EXAMINATION STATISTICS PROGRAM INTERVAL 2

SCHEDULED EXAMINATIONS FOR CODE CLASS 2

Code Class ....2

System ......HIG: PRESSURE INJECTION - EMERGENCY CORE COOLING

Code Category .C-C

Docket Number 50 346 License Number NPF-3 Serial Number 2204 Attachment 3 Page: 3 of 4

ode tem	ASME Item Description	Quantity of Total Components	Components Selected	×	Examinations Required	# Exams	% Schd	# Exams		# Exams	% Schd
03.020	PIPING-INTEGRALLY WELDED ATTACHMENTS	42	12	29	OL 0 IUR 12 VIS 0	0 3 0	0 25 0 25	0 6 0	0 50 0 50	0 3 0	0 25 0 25
				TOTAL	12	3	0		30		20
03.030	PUMPS-INTEGRALLY WELDED ATTACHMENTS	12	6	5	/OL 0	0 2 0 2	0 33 0 33	0 2 0 2	0 33 0 33	0 2 0 2	0 33 0 33
3.20A	THIN WALL PIPING INTEGRALLY WELDED ATTACHMENTS	21	5	5	/OL 0 SUR 5 /IS 0	0 0 0	0 0 0	0 3 0 3	0 60 0 60	0 2 0 2	0 40 0 40
	exempt piping with a pipe wall thickness less than the s is an Augmented Examination.	at designated f	or examination	by Table IWO	-2500-1 is give	n an "A" (	designati	ion in the	e Code	Item num	ber.
	Total for Category C-C	75	23	31 TOTAL	23	5	22	11	48		30
	Total for System HIGH PRESSURE INJECT	ION - EMERGENCY 75	CORE COOLING 23	31 TOTAL		5		11		7	30

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Code Class ....2

System ......MAIN STEAM SYSTEM Code Category .C-C

Code Item	ASME Item Description	Quantity of Total Components	Components Selected	X *********	Examinations Required	1 # Exams	% Schd	# % Exams Schd	3 * # % Exams Schd	wen.
c03.020	PIPING-INTEGRALLY WELDED ATTACHMENTS	22	22	100 VOL SUF VIS TOTAL	22	0 6 0 6	0 27 0 27	0 0 7 32 0 0 7 32	0 0 9 41 0 0 9 41	
C03.20A	THIN WALL PIPING INTEGRALLY WELDED ATTACHMENTS	15	2	13 VOI SUR VIS TOTAL	2	0 0 0 0	0 0 0 0	0 0 2 100 0 0 2 100	0 0 0 0 0 0	
	Nonexempt piping with a pipe wall thickness less than the This is an Augmented Examination.	at designated fo	or examination	by Table IWC-2	2500-1 is given	an "A" d	kesignati	ion in the Code	Item number.	
*********	Total for Category C-C	37	24	65 TOTAL	24	6	25	9 38	9 38	
	Total for System MAIN STEAM SYSTEM	37	24	65						

TOTAL