

**From:** [Loomis, Thomas R:\(Constellation\)](#)  
**To:** [Richard Guzman](#)  
**Cc:** [Weiss, Glenn D:\(Constellation Nuclear\)](#)  
**Subject:** [External\_Sender] RE: NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps  
**Date:** Thursday, November 10, 2022 2:21:28 PM  
**Attachments:** [image001.png](#)

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Thanks Rich!

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**From:** Richard Guzman <[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)>  
**Sent:** Thursday, November 10, 2022 2:21 PM  
**To:** Loomis, Thomas R:(Constellation) <[thomas.loomis@constellation.com](mailto:thomas.loomis@constellation.com)>  
**Cc:** Weiss, Glenn D:(Constellation Nuclear) <[glenn.weiss@constellation.com](mailto:glenn.weiss@constellation.com)>  
**Subject:** RE: NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps

Tom,

Thanks for the call back. As we discussed, I understand the quarterly testing frequency for the subject CSS Pumps (PMP-81-04/24/49/52) as reflected in the table you provided below is for the current NMP1 IST program plan (fourth 10-year IST Program) and thus, supersedes the information for these pumps on pdf page 163 of the March 13, 2019 submission (ML19072A182).

No further information is requested at this time. I'll give you a heads up when the NRC staff's safety evaluation is ready for issuance.

**Rich Guzman**  
Sr. PM, Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Office: O-9C7 | Phone: (301) 415-1030  
[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)

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**From:** Loomis, Thomas R:(Constellation) <[thomas.loomis@constellation.com](mailto:thomas.loomis@constellation.com)>  
**Sent:** Wednesday, November 09, 2022 12:04 PM  
**To:** Richard Guzman <[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)>  
**Cc:** Weiss, Glenn D:(Constellation Nuclear) <[glenn.weiss@constellation.com](mailto:glenn.weiss@constellation.com)>  
**Subject:** [External\_Sender] NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps

Rich

We don't submit updates to the IST program on the docket, but we do submit the new interval program plan as you have pointed out. We prefer to not submit the whole program that contains a lot of information not related to the relief request. Also, the program plan can change without a 50.59 so I am not sure it adds much value to your SER considering we can change it very easily. The relief request will be added to the program plan which will add the discussion of the quarterly testing, so it does find its way to the program plan.

Is there a way around not submitting the whole program plan?

Tom

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**From:** Richard Guzman <[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)>  
**Sent:** Monday, November 7, 2022 1:02 PM  
**To:** Loomis, Thomas R:(Constellation) <[thomas.loomis@constellation.com](mailto:thomas.loomis@constellation.com)>  
**Cc:** Reynolds, Ronnie J:(Constellation Nuclear) <[Ronnie.Reynolds@constellation.com](mailto:Ronnie.Reynolds@constellation.com)>  
**Subject:** RE: [EXTERNAL]NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps

Tom,

Thanks for your quick verification. Page 163 of the supplied ML (see attached) does not match the table excerpt that you provided in your e-mail (i.e., which reflects the quarterly test for these pumps). If it is the current/latest NMP1 IST program (Fifth 10-year interval?), can you provide a copy (or an ML no. as I was not able to find it in ADAMS). That way we could update our record and reference it accordingly in our safety evaluation.

Thanks,  
Rich

**Rich Guzman**

Sr. PM, Division of Operating Reactor Licensing  
 Office of Nuclear Reactor Regulation  
 U.S. Nuclear Regulatory Commission  
 Office: 0-9C7 | Phone: (301) 415-1030  
[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)

**From:** Loomis, Thomas R:(Constellation) <[thomas.loomis@constellation.com](mailto:thomas.loomis@constellation.com)>  
**Sent:** Tuesday, November 01, 2022 2:47 PM  
**To:** Richard Guzman <[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)>  
**Cc:** Reynolds, Ronnie J:(Constellation Nuclear) <[Ronnie.Reynolds@constellation.com](mailto:Ronnie.Reynolds@constellation.com)>  
**Subject:** [External\_Sender] RE: [EXTERNAL]NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps

Rich

Look at page 163 of the supplied ML. The pumps are there but I don't think it shows a quarterly. Below is a snippet of the page from the current IST program for these pumps that shows a quarterly test. I am guessing the program was updated, but I am not sure. Anyway, the Engineer pulled up the program as shown below and it reflects a quarterly test. Does this answer your question?

Tom

PUMP ID	Description (Pump Type/Driver)	CLASS GROUP	P&ID SHEET/COORD	Test Parameters						Procedure	FREQ	Code Dev.	Comment
				Dis-P	DP	Flow	VIB	Speed					
PMP-80-24	Containment Spray Pump #112 (VLS/M)	2	C-18012-C	No	Yes	Yes	Yes	No	N1-ST-Q6C	Y2	CTNSP-PR-01	Comprehensive Pump Test	
		B	F-5	No	Yes	Yes	No	No	N1-ST-Q6C	Q			
PMP-81-03	Core Spray Pump #121 (VLS/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9	Y2	CS-PR-01	PPVT Comprehensive Pump Test	
		B	G-5	No	Yes	Yes	Yes	No	N1-ST-Q1B	Y2			
PMP-81-04	Core Spray Pump #122 (VLS/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9B	Y2		PPVT Comprehensive Pump Test	
		B	G-5	No	Yes	Yes	Yes	No	N1-ST-Q1D	Y2			
PMP-81-23	Core Spray Pump #111 (VLS/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9	Y2	CS-PR-01	PPVT Comprehensive Pump Test	
		B	B-5	No	Yes	Yes	Yes	No	N1-ST-Q1A	Y2			
PMP-81-24	Core Spray Pump #112 (VLS/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9A	Y2		PPVT Comprehensive Pump Test	
		B	B-5	No	Yes	Yes	Yes	No	N1-ST-Q1C	Y2			
PMP-81-49	Core Spray Topping Pump #112 (C/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9A	Y2		PPVT Comprehensive Pump Test	
		B	A-4	No	Yes	Yes	Yes	No	N1-ST-Q1C	Y2			
PMP-81-50	Core Spray Topping Pump #111 (C/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9	Y2	CS-PR-01	PPVT Comprehensive Pump Test	
		B	A-4	No	Yes	Yes	Yes	No	N1-ST-Q1A	Y2			
PMP-81-51	Core Spray Topping Pump #121 (C/M)	2	C-18007-C	No	Yes	Yes	No	No	N1-ST-R9	Y2	CS-PR-01	PPVT Comprehensive Pump Test	
		B	H-4	No	Yes	Yes	Yes	No	N1-ST-Q1B	Y2			
PMP-81-52	Core Spray Topping Pump #122 (C/M)	2	C-18007-C	No	Yes	Yes	Yes	No	N1-ST-R9B	Y2		PPVT Comprehensive Pump Test	
		B	H-4	No	Yes	Yes	Yes	No	N1-ST-Q1D	Y2			

**From:** Richard Guzman <[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)>  
**Sent:** Tuesday, November 1, 2022 2:23 PM  
**To:** Loomis, Thomas R:(Constellation) <[thomas.loomis@constellation.com](mailto:thomas.loomis@constellation.com)>  
**Cc:** Reynolds, Ronnie J:(Constellation Nuclear) <[Ronnie.Reynolds@constellation.com](mailto:Ronnie.Reynolds@constellation.com)>  
**Subject:** [EXTERNAL]NMP1 Relief Request Associated with Pump Periodic Verification Tests of Core Spray System Pumps

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Tom,

While the staff recently determined that RAIs were not needed to complete their review of the subject review, they did come across an apparent inconsistency while developing their safety evaluation. Specifically, the Alternative Request CS-RR-02 states that CSS Pumps (PMP-81-04/24/49/52) will continue to perform quarterly tests; however, the quarterly tests for these CSS pumps do not appear to be specified in the NMP1 Fourth 10-year IST Interval Program (ML19072A182). Can you verify whether this is a discrepancy? If needed we can schedule a call to get clarification as appropriate.

Thanks,  
**Rich Guzman**  
 Sr. PM, Division of Operating Reactor Licensing  
 Office of Nuclear Reactor Regulation  
 U.S. Nuclear Regulatory Commission  
 Office: 0-9C7 | Phone: (301) 415-1030

[Richard.Guzman@nrc.gov](mailto:Richard.Guzman@nrc.gov)

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