UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 6, 2025

Site Vice President
Holtec Palisades, LLC
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

SUBJECT: PALISADES NUCLEAR PLANT - SUMMARY OF SECOND CONFERENCE CALL REGARDING STEAM GENERATOR TUBE INSPECTIONS (EPID L-2024-NFO-0008)

Dear Sir or Madam:

On September 3, 2024, the U.S. Nuclear Regulatory Commission staff and representatives from Holtec Decommissioning International, LLC (Holtec) participated in a conference call to discuss the steam generator (SG) tube inspection activities at the Palisades Nuclear Plant. At the time of the call, the SG inspections were not substantially complete, and Holtec indicated that due to logistical issues, inspection activities would not be complete for many months. A summary of the conference call is in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML24267A296. On August 14, 2025, the NRC staff held a second conference call with Holtec, when the SG inspections and in-situ pressure testing were essentially complete. At the time of the call, the plant was in decommissioning status; however, the owner was performing these inspections as part of an effort to resume full power operations. On August 25, 2025, the plant transitioned to an operational status.

A summary of the August 14, 2025, conference call is provided as an enclosure to this letter.

If you have any questions, please contact me at 301-415-2048 or via e-mail at Justin.Poole@nrc.gov.

Sincerely,

/RA/

Justin C. Poole, Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-255

Enclosure:
Summary of Conference Call

cc: Listserv

SUMMARY OF SECOND CONFERENCE CALL

HOLTEC PALISADES, LLC

PALISADES ENERGY, LLC

PALISADES NUCLEAR PLANT

DOCKET NO. 50-255

STEAM GENERATOR TUBE INSPECTIONS

On September 3, 2024, the U.S. Nuclear Regulatory Commission (NRC) staff and representatives from Holtec Decommissioning International, LLC (Holtec, the licensee)[1] participated in a conference call to discuss the steam generator (SG) tube inspection activities at Palisades Nuclear Plant (Palisades, PNP). At the time of the call, the SG inspections were not substantially complete, and the licensee indicated that due to logistical issues, inspection activities would not be complete for many months. A summary of the conference call is in the Agencywide Documents Access and Management System under Accession No. ML24267A296. On August 14, 2025, the NRC staff held a second conference call with the licensee, when the SG inspections and in-situ pressure testing were essentially complete. At the time of the call, the plant was in decommissioning status; however, the owner was performing these inspections as part of an effort to resume full power operations. On August 25, 2025, the plant transitioned to an operational status. The licensee provided the following information in response to an NRC request for a conference call to discuss the final SG inspection results.

Palisades has 2 Combustion Engineering Model 2530 replacement SGs. Each SG has 8,219 mill-annealed, Alloy 600 tubes. The tubes have an outside diameter of 0.75 inches, and a wall thickness of 0.042 inches. Stainless steel, eggcrate, lattice-type tube supports; diagonal straps; and vertical straps support the tubes at various locations. The tubes were expanded through the full depth of the tubesheet during fabrication.

Updated responses to questions 1 through 12 from the September 2024 call are provided below.

1. Discuss any trends in the amount of primary-to-secondary leakage observed during the recently completed cycle.

   No change from ML24267A296 response

2. Discuss whether any secondary side pressure tests were performed during the outage [i.e., during the current shutdown period] and the associated results.

   No change from ML24267A296 response

1 On July 24, 2025, the NRC issued an order approving and conforming amendment reflecting the transfer of operating authority from Holtec Decommissioning International, LLC to Palisades Energy, LLC (Package, ML25167A245). Holtec Palisades, LLC, remains the licensed owner of PNP.

3. Discuss any exceptions taken to the industry guidelines.

   No change from ML24267A296 response

4. For each SG, provide a description of the inspections performed including the areas examined and the probes used (e.g., dents/dings, sleeves, expansion-transition, U-bends with a rotating probe), the scope of the inspection (e.g., 100 percent of dents/dings greater than 5 volts and a 20 percent sample between 2 and 5 volts), and the expansion criteria.

   Updated from ML24267A296 response.

   There were three groups of tubes inspected at 1D28: tubes in service at 1D28, tubes out of service at 1D28, and tubes that required sleeving at 1D28.

   1. Tubes in service at 1D28
      a. Bobbin Probe
         i. Full length eddy current testing (ECT) bobbin coil examination of all in-service tubes (except row 1, 2, and 3 U-bends) in both SGs.
      b. ECT +Point™ coil examinations (both SGS):
         i. 100 percent of rows 1, 2, and 3 U-bends
         ii. 100 percent of hot leg from TTS + 4” to a minimum of 13.5” below the bottom of the expansion transition.
         iii. 100 percent of free span dings >5V between the hot-leg tubesheet (TSH) and cold-leg tubesheet (TSC).
         iv. 100 percent of >2V dents at eggcrate, diagonal bar, and vertical strap intersections between TSH and TSC.
         v. 50 percent of historical percent through-wall (TW) calls at diagonal bars and vertical straps. The original scope was 25 percent of historical calls which was expanded upon confirmation of crack like indications at vertical straps. Since historical percent TW calls have only been inspected once every 4 inspections, separated into 4 populations of 25 percent, the expansion was to the next 25 percent population (i.e., indications that were last inspected 3 outages ago). There were no crack like indications identified in the expanded scope therefore no further expansion was needed.
         vi. 100 percent of historical trackable (TRA) indications
         vii. The outer three peripheral tubes at the cold leg from the top of the tubesheet (TTS)+4” to the TTS-2” for detection of possible loose parts or wear signals. The periphery region is defined to be the outer three tubes exposed to the annulus, all tubes in rows 1 through 4, and the inner three tubes around the stay cylinder region.
      c. Special interest examinations (+Point™ coil):
         i. All current outage bobbin I-code signals
         ii. All eggcrate bobbin percent TWs called during the current outage
         iii. All wear scars $\geq$ 40 percent TW by bobbin
         iv. All new percent TWs indications regardless of location
         v. The hot leg square bend region of tubes surrounding SG B tube R99-C140
         vi. All bobbin foreign object and foreign object wear indications

vii. Bounding of foreign object signals (new in 1D28 and RPC [rotating pancake coil]-confirmed possible loose parts (PLPs) from 1R27) and foreign object wear at all elevations. These bounding exams continued until a one tube deep perimeter has been examined in which no PLP or foreign object wear indication is identified.
viii. Bounding of locations in tubes recently plugged that had PLP indication or foreign object wear near the TTS.
ix. All tube regions unable to be examined effectively with bobbin probe due to data quality concerns.

d. Special interest examinations (Ghent probe)
i. Sample of locations in SG A (60 tubes) to confirm +Point™ single axial indications (SAIs) and single circumferential indications (SCIs). This was not a planned scope and was done to address the large number of crack like indications identified at 1D28

2. Tubes De-plugged for inspection at 1D28
a. All de-plugged tubes were inspected with the same scope as the in-service tubes at 1D28 (except for the cold leg de-plugged tubes that had CE Rolled plugs removed – these were all inspected at TSC with +Point because they had never before been inspected with ECT).

Of the 732 tubes that were sleeved in 1D28, 4 were subsequently plugged during 1D28. These tubes were plugged either due to the installed position of the sleeve or an issue with the sleeve expansion results.

3. Tubes that were sleeving candidates at 1D28
a. Bobbin Probe
i. All installed sleeves for position verification.
b. +Point™ coil
i. All sleeves for baseline data.

The scopes/results discussed address 100 percent of the population of interest except for items 1.b.v and 1.d where the following scope expansions were performed in 1D28:

- Expansion of the +Point™ inspections for the historical percent TW indications at vertical straps and diagonal bars from 25 percent to 50 percent to address the crack like indications identified in the initial 25 percent population (Item 1.b.v above). There were no crack like indications identified in the expanded scope therefore no further expansion was needed.
- Expansion of using the Ghent probe in SG A as additional confirmation of crack like indications identified in 1D28 (item 1.d above).

5. For each area examined (e.g., tube supports, dent/dings, sleeves, etc.), provide the following:

a. A summary of the number of indications identified to date for each degradation mode (e.g., number of circumferential primary water stress corrosion cracking indications (PWSCC) at the expansion transition). Provide the number of tubes with each degradation mechanism in addition to the number of indications.

Updated from ML24267A296 response

Degradation Mechanisms - Number of Indications / Tubes				
SG	**Location**	**Type**	**Indications**	**Tubes**
A	TSH	Axial ODSCC	17	16
A	TSH	Axial PWSCC	52	51
A	TSH	Circ PWSCC	29	10
A	TSH	Circ ODSCC	73	60
A	TSH	Volumetric	24	21
A	TEC to TEH	Wear > 40	5	5
A	Tube Supports	Axial ODSCC	900	608
A	Dent at Tube Supports	Axial PWSCC	1	1
A	Freespan	Axial ODSCC	2	2
B	TSH	Axial ODSCC	10	9
B	TSH	Axial PWSCC	10	10
B	TSH	Circ PWSCC	1	1
B	TSH	Circ ODSCC	18	15
B	TSH	Volumetric	7	6
B	TEH to TEC	Wear > 40	3	3
B	Tube Supports	Axial ODSCC	313	220
B	Freespan	Axial ODSCC	1	1
	Total		1466	1039

TEH – Tube end hot leg
TEC – Tube end cold leg

There were three indications of axial outside diameter stress corrosion cracking (ODSCC) in the freespan region identified in 1D28, two in SG A and one in SG B. None of these indications were associated with a ding or dent.

b. For the most significant indications in each area, provide an estimate of the severity of the indication (e.g., voltage, depth, and length of the indication), including whether tube integrity (structural and accident induced leakage integrity) was maintained during the previous operating cycle. In addition, discuss any analyses performed specifically for the most significant indications to demonstrate tube integrity.

Updated from ML24267A296 response

Most Significant Indications in Each Area											
Item	**SG**	**Location**	**Type**	**Indication Location**	**Voltage (V)**	**Depth (%TW)**	**Length (in.)**	**Structural Integrity**	**Leakage Integrity**	**Structural Integrity Analysis**	**Leakage Integrity Analysis**
1	A	TSH	Axial ODSCC	32-115-TSH+0.57	4.29	91(1)	0.45	Maintained	Maintained	In Situ Pressure Test	In Situ Pressure Test
2	A	TSH	Axial PWSCC	107-80-TSH-0.16	2.65	78	0.19	Maintained	Maintained	Condition Monitoring	Condition Monitoring
3	A	TSH	Circ PWSCC	36-23-TSH-11.04	5.47	90	0.6	Maintained	Maintained	Condition Monitoring	Analytical Analysis (3)
4	A	TSH	Circ ODSCC	109-102TSH-0.06	4.45	90	1.03	Maintained	Maintained	In Situ Pressure Test	In Situ Pressure Test
5	A	TSH	Volumetric	126-105-TSH+0.29	0.61	46	0.27	Maintained	Maintained	Condition Monitoring	Condition Monitoring
6	A	TEC to TEH	Wear ≥ 40	54-83-DBH+0.09	2.88	41	(2)	Maintained	Maintained	Condition Monitoring	Condition Monitoring
7	A	Tube Supports	Axial ODSCC	15-122-01H+0.8	2.26	85(1)	0.77	Maintained	Maintained	In Situ Pressure Test	In Situ Pressure Test
8	A	Dent at Tube Supports	Axial PWSCC	22-41-VS4+0.93	0.71	78	0.27	Maintained	Maintained	Condition Monitoring	Condition Monitoring
9	A	Freespan	Axial ODSCC	94-139-07C+1.59	0.45	51.3(1)	0.36	Maintained	Maintained	Condition Monitoring	Condition Monitoring
10	B	TSH	Axial ODSCC	30-51-TSH+0.75	2.22	80.1(1)	0.6	Maintained	Maintained	In Situ Pressure Test	In Situ Pressure Test
11	B	TSH	Axial PWSCC	42-103-TSH-1.7	2.47	76	0.37	Maintained	Maintained	Condition Monitoring	Condition Monitoring
12	B	TSH	Circ PWSCC	54-25TSH-11.82	0.89	67	0.22	Maintained	Maintained	Condition Monitoring	Condition Monitoring
13	B	TSH	Circ ODSCC	45-52-TSH-0.03	1.69	81	0.37	Maintained	Maintained	Condition Monitoring	Condition Monitoring
14	B	TSH	Volumetric	127-62-TSH+0.19	0.68	49	0.21	Maintained	Maintained	Condition Monitoring	Condition Monitoring

Most Significant Indications in Each Area											
Item	**SG**	**Location**	**Type**	**Indication Location**	**Voltage (V)**	**Depth (%TW)**	**Length (in.)**	**Structural Integrity**	**Leakage Integrity**	**Structural Integrity Analysis**	**Leakage Integrity Analysis**
15	B	TEH to TEC	Wear ≥ 40	48-9-VS4+0.26	3.2	44	(2)	Maintained	Maintained	Condition Monitoring	Condition Monitoring
16	B	Tube Supports	Axial ODSCC	24-115-01H+0.53	1.17	71.3(1)	0.93	Maintained	Maintained	In Situ Pressure Test	In Situ Pressure Test
17	B	Freespan	Axial ODSCC	62-71-VS5+3.55	0.46	51.7(1)	0.25	Maintained	Maintained	Condition Monitoring	Condition Monitoring

Notes:

1. Depth Calculated with Eddy Current Technique Specification Sheet (ETSS) Voltage Correlation with 11% offset factored in per exemption noted in question 3 above.
2. Bobbin probe results provided, not qualified for length sizing
3. Flaw is exempted from in situ per Electric Power Research Institute (EPRI) In Situ Pressure Test Guidelines Section D.2.2. Leakage is addressed analytically.

DBH – Diagonal Bar Hot Leg
VS – Vertical Strap

c. Discuss whether any location exhibited a degradation mode that had not previously been observed at this location at this unit (e.g., observed circumferential primary water stress corrosion cracking at the expansion transition for the first time at this unit).

No change from ML24267A296 response.

6. Describe repair/plugging plans. Identify the largest volumetric/wear depth from the tubes that were de-plugged and returned to service.

Updated from ML24267A296 response.

Repair Plans (Includes de-plugged tubes that required sleeves) The acceptance criteria for tubes that were unplugged in 1D28 for planned return to service was not modified from the standard technical specification plugging criteria.

Plugging Plans
SG A: 730 total tubes plugged at end of 1D28.

- 666 tubes plugged prior to 1D28
- 139 tubes returned-to-service (RTS) from de-plugging activities (23 tubes RTS w/sleeves).
  - Max volumetric/support wear of 36 percent TW (1 indication) in tubes returned-to- service.
- 203 tubes plugged (67 tubes w/ stabilizers) from 1D28 inspection results.

SG B: 437 total tubes plugged at end of 1D28.

- 493 tubes plugged prior to 1D28
- 136 tubes returned-to-service (RTS) from de-plugging activities (19 tubes RTS w/sleeves).
  - Max volumetric/support wear of 36 percent TW (1 indication) in tubes returned-to-service.
- 80 tubes plugged (26 tubes w/ stabilizers) from 1D28 inspection results.

Sleeving Plans
The sleeving strategy implemented at 1D28 uses "corrective" sleeves (CSV) and "preventative" sleeves (PSV). A CSV is installed at a location where a repairable flaw (i.e., volumetric indications $\geqslant$40 percent TW or crack-like indications) is identified with ECT at the support location. A PSV is a sleeve installed at support locations above a CSV through the fifth support (05H). See below tables for summary of sleeves installed in tubes that will remain in-service after 1D28.

	SG A Sleeving Summary							
	Tubes w/ Sleeves	**Sleeve Type**	**01H**	**02H**	**03H**	**04H**	**05H**	**Total**
De-Plugged Tubes	23	Corrective	19	10	10	8	4	51
		Preventative	0	12	13	15	9	49
1D28 Tubes	509	Corrective	249	180	65	87	30	611
		Preventative	0	217	370	407	394	1388
		Total	**268**	**419**	**458**	**517**	**437**	**2099**

	SG B Sleeving Summary							
	Tubes w/ Sleeves	**Sleeve Type**	**01H**	**02H**	**03H**	**04H**	**05H**	**Total**
De-Plugged Tubes	19	Corrective	15	8	4	4	4	35
		Preventative	0	11	15	15	15	56
1D28 Tubes	181	Corrective	110	57	17	19	6	209
		Preventative	0	98	148	161	165	572
		Total	**125**	**174**	**184**	**199**	**190**	**872**

7. Describe in-situ pressure test and tube pull plans and results (as applicable and if available).

   Updated from ML24267A296 response.

   SG A, 18 Indications in 17 tubes were tested. All indications passed with no tube failures or leakage.

SG A Indications In Situ Pressure Tested in 1D28			
S/G	**Row**	**Col**	**Location**
A	32	115	SAI @ TSH+0.57 SCI @ TSH+0.42
A	31	58	SAI @ 05H+0.72
A	82	37	SAI @ 02H+0.88
A	15	122	SAI @ 01H+0.8
A	68	89	SAI @ 01H -0.77
A	70	91	SAI @ 01H -0.51
A	95	88	SAI @ 01H -0.53
A	21	124	SCI @ TSH -0.03
A	30	55	SCI @ TSH -0.14
A	92	119	SCI @ TSH -0.24
A	100	103	SCI @ TSH+0
A	103	98	SCI @ TSH+0.03
A	104	97	SCI @ TSH -0.06
A	107	100	SCI @ TSH -0.03
A	107	102	SCI @ TSH+0.09
A	109	102	SCI @ TSH -0.06
A	110	101	SCI @ TSH -0.09

SG B, 5 indications in 5 tubes were tested. All indications passed with no tube failures or leakage.

SG B Indications In Situ Pressure Tested in 1D28			
S/G	**Row**	**Col**	**Location**
B	3	58	OBS @ DBC -9.94
B	30	51	SAI @ TSH+0.75
B	1	44	SAI @ DBH+0.64
B	24	115	SAI @ 01H+0.53
B	75	92	SAI @ 01H+0.19

OBS – Obstruction
DBC – Diagonal Bar Cold Leg

For the flaw in SG B R1-C44, please identify whether any wear or dent is present at the location and provide the structural depth and length for the flaw.

See table below. Note that this flaw had an axial length of 1.89" initially reported in the flaw report in September 2024 (12-9383369-000). The previously reported 1.89" erroneously included some of the structure width as part of the axial length measurement. It was later confirmed that the total length of 0.64" from the profiling is accurate and is the value that has been used.

Profile Information on SG B R1-C44 SAI @ DBH							
S/G	**Row**	**Col**	**Location**	**Max Depth (%TW)**	**Total Length (in)**	**Structural Equivalent Depth (%TW)**	**Structural Equivalent Length (in)**
B	1	44	SAI @ DBH+0.64	67	0.64	61.6	0.59

Notes:
1. Depth and Lengths are from the depth profiling per ETSS I28432.
2. There are no wear or dent signals associated with this indication or location.

8. Discuss the following regarding loose parts:

   a. The inspections performed to detect loose parts.
   b. A description of any loose parts detected and their location within the SG (including the source or nature of the loose part, if known).
   c. If the loose parts were removed from the SG.
   d. Indications of tube damage associated with the loose parts.

   Updated from ML24267A296 response.

   The hot leg top of tube sheet (TTS) region was inspected with +Point up to a nominal 4 inches, but not less than 3.5 inches and not less than the height of the sludge pile, above TTS. A similar inspection was performed for the cold leg TTS region 3 tubes deep along the periphery and tube lane and 3 inches above the TTS. Foreign object search and retrieval (FOSAR) was performed for the periphery, tube lane annulus, and stay cavity areas. This is similar to the last outage.

The following tables summarize the loose parts identified during the 1D28 inspections and tubes with degradation associated with loose parts. All objects remaining in the SG have either been evaluated to remain in the SG or have had affected tubes plugged.

SG A Loose Part Table			
FOTS ID	**Location**	**Description**	**Remaining in SG**
106	TSC +0.00	Metallic Like Object. Same as #495	Yes
108	TSH +0.00	Wire	No
111	TSH +0.00	Flex/Flat Metal. See #540/#543	Yes
112	TSH +0.00	Metallic (maybe flex)	Yes
153	TSH +0.39	Flat Metal Object	Yes
190	TSH +0.00	Metal Object	No
331	TSH +1.19	Flat Metallic Object	Yes
467	TSH +0.00	Flat	Yes
468	TSH +0.00	Small Wire	No
469	TSH +0.00	Small Reflective Object	Yes
471	TSH +0.00	Small Diameter Wire	No
472	TSH +0.00	Bristles	No
473	TSH +1.00	Small Diameter Wire	No
475	TSH +0.00	Metallic Piece	No
477	TSC +0.00	Bristle	Yes
478	TSC +0.00	Bristle	No
480	TSC +0.00	Metallic Flake	No
481	TSC +0.00	Flex Gasket	No
487	TSC +0.00	Flex	No
488	TSH +0.00	Bristle	Yes
491	TSH +0.00	Metal Object	Yes
495	TSC +0.00	Small diameter wire	No
517	TSH +1.03	Metallic Object	Yes
540	TSH +0.00	Wire	No
543	TSH +0.00	Metallic Object. See #111 / #540	Yes
547	TSH +0.13	Object	Yes

SG B Loose Part Table			
FOTS ID	**Location**	**Description**	**Remaining in the SG**
48	TSC+0.00	Metal Object	Yes
49	TSH +0.00	Metallic object	Yes
51	TSH +0.00	Metal Object	Yes
79	TSC+0.00	Metal Object	Yes
130	TSH +0.20	Object	Yes
133	TSH+0.00	Rock	Yes
223	TSH+0.25	Flat Object	Yes

225	TSH+0.50	Flex	Yes
226	TSC+0.00	Flex	Yes
227	TSC+0.00	Bristle	Yes
229	NTL	Wire/ Flex Fixed to TTS at NTL	Yes
231	TSH+1.00	Wire	Yes
232	TSH+0.00	Small Diameter Wire	No
234	TSC+0.00	Bristle Bundle	No
249	TSH +0.25	Wire	No
265	TSC+0.00	Wire	No

NTL – No Tube Lane

Tube with Degradation Associated with Loose Parts (SVI/VOL Indications)						
SG	**Row**	**Col**	**Elev**	**Offset**	**Ind**	**Maximum Depth (%TW)**
A	114	125	TSH	0.12	SVI	28
A	117	58	VS7	4.76	SVI	38
A	134	93	TSH	0.08	SVI	40
A	126	105	TSH	0.29	SVI	46
A	52	59	TSH	0.21	VOL	25
A	133	64	TSH	0.08	VOL	36
A	33	138	02H	-6.48	VOL	25
A	104	127	TSH	0.56	VOL	15
A	104	121	TSH	0.53	VOL	14
A	35	138	02H	-3.2	VOL	31
A	96	33	TSH	0.24	VOL	31
A	131	64	TSH	0.24	VOL	33
A	118	125	TSH	0.16	VOL	16
A	132	93	TSH	0.03	VOL	35
A	92	29	TSH	0.24	VOL	20
A	33	138	02H	-10.35	VOL	26
B	127	62	TSH	0.19	SVI	49
B	129	62	TSH	0	SVI	34
B	55	82	TSH	4.91	VOL	16
B	137	92	TSH	10.45	VOL	25
B	115	74	06H	-0.75	VOL	22
B	137	92	TSH	12	VOL	24

SVI – Single Volumetric Indication
VOL – Volumetric

9. Discuss the scope and results of any secondary side inspection and maintenance activities (e.g., in-bundle visual inspections, feedring inspections, sludge lancing, assessing deposit loading, etc).

    Updated from ML24267A296 response.

    Sludge lancing was performed in both Steam Generators. The Steam Generators were lanced for an extended period of time (greater than 80 hrs each).

    Post-lancing In-bundle visual inspections were performed on the TTS area. Tubesheet inspections identified sludge deposits in localized regions.

    The following areas were inspected in both Steam Drums:

    1. Dryer deck surface
    2. Moisture separator can deck and hatch
    3. Selected steam separator cans
    4. Dryer deck area
    5. Steam deflector
    6. Steam outlet nozzle
    7. Feedring
    8. U-bend top of bundle area

    In SG A the following items were reported: Foreign material, loose separator can, loose dryer hardware, and excessive sludge loading.

    In SG B the following items were reported: loose dryer hardware, foreign material, and excessive sludge loading.

    Deposit mapping and deposit loading for both steam generators was also performed based on eddy current data from 1D28.

10. Discuss any unexpected or unusual results. Review the number of indications for 1R27 and 1D28 since 1R27 seemed off.

    Updated from ML24267A296 response.

    For both SGs, the quantity of crack like indications far exceeded estimates based on previous operating history as shown in Question 5 above. For comparison, in 1R27 the total number of crack like indications (any location) for both SGs was 56 and in 1D28 there were 1427.

11. Provide the schedule for steam generator-related activities during the remainder of the current outage [i.e., activities during the remainder of the current shutdown period].

    Updated from ML24267A296 response.

    SG Primary Activities Remaining

- Remove Nozzle Dams 8/28 (To be determined (TBD) based on Primary Coolant System drain down)
- Install Primary Manways 8/29

SG Secondary Activities Remaining

- Install Secondary Manways 8/14 (TBD based on secondary drain down)

SG 3 inch Handhole Installation

- Start SG A 8/18 (TBD based on Sec Side drain down)
- Final PT and surface finish inspection SG A 8/27 (TBD based on Sec Side drain down)
- Start SG B 8/28 (TBD based on Sec Side drain down)
- PT and surface finish inspection SG B 9/6 (TBD based on Sec Side drain down)

SG Chemical Cleaning

- Inject in SG A 9/15
- Cleaning complete in SG A 9/22
- Inject in SG B 9/23
- Cleaning complete in SG B 10/1

SG Sludge Lancing

- Starts after 1st SG is cleaned, lasts 10 days

Provide the number of 3 inch handholes being added

- Two handholes in each SG.

12. Discuss any actions taken or plans for obtaining water samples or deposit samples (e.g., sludge pile, tube scale, etc.) to evaluate potential detrimental chemistry conditions or contaminants (e.g., chlorides, sulfates, Pb) during the plant shutdown.

    Updated from ML24267A296 response.

    Deposit samples were taken from both SGs at the 1D28 inspections and characterized for chemical constituents and physical morphology.

SUBJECT: PALISADES NUCLEAR PLANT - SUMMARY OF SECOND CONFERENCE CALL REGARDING STEAM GENERATOR TUBE INSPECTIONS (EPID L-2024-NFO-0008) DATED NOVEMBER 6, 2025

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ADAMS Accession No.: ML25309A014 **NRC-001**

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DNRL/NCSG/BC
NAME	JPoole	SLent	SBloom
DATE	10/24/2025	11/05/2025	09/08/2025
OFFICE	NRR/DORL/LPL3/BC (A)	NRR/DORL/LPL3/PM	
NAME	IBerrios	JPoole	
DATE	11/05/2025	11/06/2025	

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