



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II**
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

August 21, 2017

Mr. Daniel G. Stoddard
President and Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

**SUBJECT: UPDATED INSPECTION PLAN FOR SURRY POWER STATION,
 UNITS 1 AND 2 – REPORT 05000280/2017005 AND 05000281/2017005**

Dear Mr. Stoddard:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Surry Power Station, Units 1 and 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available, correspondence.

Additionally, the NRC plans on conducting two non-ROP baseline inspections which include an initial license examination and Post Approval License Renewal Phase 4.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

D. Stoddard

2

Please contact me at 404-997-4465 with any questions you may have regarding this letter.

Sincerely,

/RA/

Anthony D. Masters, Chief
Reactor Projects Branch 5
Division of Reactor Projects

Docket Nos.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure:
Surry Inspection / Activity Plan
(09/01/2017 – 06/30/2019)

D. Stoddard

3

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UNITS 1 AND 2 – REPORT 05000280/2017005 AND 05000281/2017005
August 21, 2017

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OFFICE	RII/DRP	RII/DRP	RII/DRP		
NAME	BBishop	SNinh	AMasters		
DATE	8/15/2017	8/15/2017	8/ 21/2017		

OFFICIAL RECORD COPY

Surry
Inspection / Activity Plan
09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			DBAI - DESIGN BASES ASSURANCE INSPECTION (TEAM)		7
1, 2	08/28/2017	09/01/2017	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	10/02/2017	10/06/2017	V23502	SURRY OCTOBER 2017 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL LICENSE EXAM		3
1	10/30/2017	11/10/2017	V23502	SURRY OCTOBER 2017 INITIAL EXAM AT POWER FACILITIES	
			RP - RP PUBLIC BASELINE INSPECTION		2
1, 2	11/27/2017	12/01/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	11/27/2017	12/01/2017	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	11/27/2017	12/01/2017	IP 71151	Performance Indicator Verification	
			TFPI - TRIENNIAL FIRE PROTECTION INSPECTION		8
1, 2	02/26/2018	03/01/2018	IP 7111105T	Fire Protection [Triennial]	
1, 2	03/12/2018	03/16/2018	IP 7111105T	Fire Protection [Triennial]	
			EP - EP PROGRAM INSPECTION		3
1, 2	04/09/2018	04/13/2018	IP 7111402	Alert and Notification System Testing	
1, 2	04/09/2018	04/13/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/09/2018	04/13/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	04/09/2018	04/13/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	04/09/2018	04/13/2018	IP 71151	Performance Indicator Verification	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	04/30/2018	05/04/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 1 SG IN-SERVICE INSPECTION		1
1	04/30/2018	05/04/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			EQI - DESIGN BASES ASSURANCE INSPECTION (PROGR		3
1, 2	06/18/2018	06/22/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1, 2	07/09/2018	07/13/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1, 2	07/23/2018	07/27/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5
1, 2	09/10/2018	09/14/2018	IP 71152B	Problem Identification and Resolution	
1, 2	09/23/2018	09/27/2018	IP 71152B	Problem Identification and Resolution	
			ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	11/05/2018	11/09/2018	IP 7111108P	Inservice Inspection Activities - PWR	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Enclosure

Surry
Inspection / Activity Plan
09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
RP - RP OCCUPATIONAL - WEEK 1					3
1, 2	11/05/2018	11/09/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	11/05/2018	11/09/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	11/05/2018	11/09/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	11/05/2018	11/09/2018	IP 71124.04	Occupational Dose Assessment	
1, 2	11/05/2018	11/09/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	11/05/2018	11/09/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	11/05/2018	11/09/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
SGISI - UNIT 2 SG IN-SERVICE INSPECTION					1
2	11/05/2018	11/09/2018	IP 7111108P	Inservice Inspection Activities - PWR	
RP - RP OCCUPATIONAL - WEEK 2					2
1, 2	11/26/2018	11/30/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	11/26/2018	11/30/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	11/26/2018	11/30/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	11/26/2018	11/30/2018	IP 71124.04	Occupational Dose Assessment	
1, 2	11/26/2018	11/30/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	11/26/2018	11/30/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	11/26/2018	11/30/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
LR - POST-APPROVAL LR PHASE 4					2
1, 2	01/28/2019	02/01/2019	IP 71003	Post-Approval Site Inspection for License Renewal	
MODS - EVALUATIONS OF CHANGES, TESTS AND EXPERI					3
1, 2	04/22/2019	04/26/2019	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
RP - RP PUBLIC					2
1, 2	05/20/2019	05/24/2019	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	05/20/2019	05/24/2019	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	05/20/2019	05/24/2019	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	05/20/2019	05/24/2019	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	

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