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United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

REVISED NICKEL-ALLOY NOZZLES AND
PENETRATIONS PROGRAM INSPECTION PLAN

Ladies and Gentlemen:

By letter dated July 29, 2009, Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc. (PEC), provided for review and approval, "Nickel-Alloy Nozzles and Penetrations Program Inspection Plan," for H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. The inspection plan contained an error as to when non-visual inspections were going to be completed on the reactor pressure vessel head penetrations. The attachment to this letter provides the revised inspection plan for the HBRSEP, Unit No. 2.

If you have any questions concerning this matter, please contact me at (843) 857-1626.

Sincerely,

Curtis A. Castell
Supervisor – Licensing/Regulatory Programs

CAC/ahv

Attachment

- c: Mr. L. A. Reyes, NRC, Region II
- Mr. T. J. Orf, NRC, NRR
- NRC Resident Inspector

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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

**REVISED NICKEL-ALLOY NOZZLES
AND PENETRATIONS PROGRAM INSPECTION PLAN**

Revised Nickel-Alloy Nozzles and Penetrations Program Inspection Plan

Component	Driver	Inspection Type	Frequency	Schedule
Reactor Pressure Vessel (RPV) Head Penetrations ¹	10 CFR 50.55a Code Case N-729-1	Bare Metal Visual	3 Refueling Outages (RO)	RO-26 (2010)
		Non-Visual	10 years (6 RO)	RO-29 (2014)
RPV Bottom Mounted Instrument Nozzles and Bi-metallic Weld	10 CFR 50.55a Code Case N-722	Bare Metal Visual Outside Diameter of Bottom Head	2 RO	RO-26
RPV Bottom Mounted Instrument Nozzle J Groove Weld	Industry and Regulatory Relevant Guidance	Bare Metal Visual	Based on Industry and Regulatory Relevant Guidance	RO-22 (2004) ²
RPV Hot Leg Nozzle to Safe-end Welds	10 CFR 50.55a Code Case N-722	Bare Metal Visual	1 RO	RO-26
		Volumetric	5 years	RO-25 (2008) RO-27
RPV Cold Leg Nozzle to Safe-end Welds	10 CFR 50.55a Code Case N-722	Bare Metal Visual	10 years (6 RO)	RO-26
		Volumetric	6 years	RO-25 RO-27: One Cold Leg
Flux Thimble Tubes	NRC Bulletin 88-09 ³	Eddy Current Test for Wear	6 RO	RO-29 (2014)

1. Present material is Alloy 690.
2. Currently no future inspections are planned.
3. RNP-RA/09-0025, "Status Update For NRC Bulletin 88-09, 'Thimble Tube Thinning in Westinghouse Reactors'."