



April 26, 2011

SERIAL: HNP-11-043

Mr. Malcolm Widmann, Region II
United States Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, GA 30303-8931

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
LICENSED OPERATOR INITIAL EXAMINATIONS 05000400/2011302 OUTLINES

Dear Mr. Widmann:

Enclosed are the proposed examination outlines for the Reactor and Senior Reactor Operator Initial Examinations to be administered at the Harris Nuclear Plant during the weeks of July 11 and July 18, 2011. This submittal complies with the requirement identified in your letter dated March 14, 2011, to furnish the outlines by April 27, 2011. The enclosed materials shall be withheld from public disclosure until after the examinations are complete.

If you have any questions regarding these materials, please contact Mr. Archie Lucky at (919) 362-3386.

Sincerely,

A handwritten signature in black ink, appearing to read 'Schwindt', written in a cursive style.

Simon Schwindt
Supervisor – Licensed Operator Requalification Training
Harris Nuclear Plant

SS/mgw

Enclosures

- c: Mr. J. D. Austin (NRC Senior Resident Inspector, HNP) w/o Enclosures
- Mr. V. M. McCree (NRC Regional Administrator, Region II) w/o Enclosures
- Mrs. B. L. Mozafari (NRR Project Manager, HNP) w/o Enclosures

Mr. Malcolm Widmann
SERIAL: HNP-11-043

bc: (w/o Enclosures)
Mr. D. L. Griffith
Mr. E. J. Kapopoulos, Jr.
Mr. A. W. Lucky
Ms. T. M. Midgette
Mr. M. G. Wallace
Nuclear Records
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June 2, 2011

SERIAL: HNP-11-048

Mr. Malcolm Widmann, Region II
United States Nuclear Regulatory Commission
245 Peachtree Center Ave., NE, Suite 1200
Atlanta, GA 30303-1257

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
LICENSED OPERATOR INITIAL EXAMINATIONS 05000400/2011302

Dear Mr. Widmann:

Enclosed are the proposed written examinations, operating tests, and supporting reference materials for the Reactor and Senior Reactor Operator Initial Examinations to be administered at the Harris Nuclear Plant during the weeks of July 11 and July 18, 2011. In a letter dated March 14, 2011, you requested these materials be provided by May 27, 2011. Based on communications between Mr. Gerald Laska (NRC) and Mr. Archie Lucky (PEC) on May 26, 2011, these materials are now being provided by June 3, 2011. The enclosed materials shall be withheld from public disclosure until after the examinations are complete.

If you have any questions regarding these materials, please contact Mr. Archie Lucky at (919) 362-3386.

Sincerely,

A handwritten signature in black ink, appearing to read 'Schwindt', written in a cursive style.

Simon Schwindt
Supervisor – Licensed Operator Requalification Training
Harris Nuclear Plant

SS/mgw

Enclosures

- c: Mr. J. D. Austin (NRC Senior Resident Inspector, HNP) w/o Enclosures
- Mr. V. M. McCree (NRC Regional Administrator, Region II) w/o Enclosures
- Mrs. B. L. Mozafari (NRR Project Manager, HNP) w/o Enclosures

Mr. Malcolm Widmann
SERIAL: HNP-11-048

bc: (w/o Enclosures)
Mr. D. L. Griffith
Mr. E. J. Kapopoulos, Jr.
Mr. A. W. Lucky
Ms. T. M. Midgette
Mr. M. G. Wallace
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July 25, 2011

SERIAL: HNP-11-074

Mr. Malcolm Widmann, Region II
United States Nuclear Regulatory Commission
245 Peachtree Center Ave., NE, Suite 1200
Atlanta, GA 30303-1257

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/RENEWED LICENSE NO. NPF-63
REACTOR AND SENIOR REACTOR OPERATOR
INITIAL EXAMINATIONS 05000400/2011302

Dear Mr. Widmann:

Enclosed is the post-examination package for the Reactor and Senior Reactor Operator Initial Examinations given at the Harris Nuclear Plant July 11, 2011, through July 20, 2011.

Included from the administration of the Written Examination are the student cover sheets, answer sheets, master examinations, an answer key, a log of applicant questions and answers, and the student seating chart. Also, pertaining to the RO Written Examination, are three post-examination comments (Question #26, #48 and #49).

If you have any questions regarding this submittal, please contact Mr. Simon Schwindt at (919) 362-3527.

Sincerely,

A handwritten signature in black ink, appearing to read "Scotty Scott", written over a horizontal line.

Scotty Scott
Superintendent – Operations Training
Harris Nuclear Plant

JMS/mgw

Enclosures

- c: Mr. J. D. Austin (NRC Senior Resident Inspector, HNP) w/o Enclosures
- Mr. V. M. McCree (NRC Regional Administrator, Region II) w/o Enclosures
- Mrs. B. L. Mozafari (NRR Project Manager, HNP) w/o Enclosures

Mr. Malcolm Widmann
SERIAL: HNP-11-074

bc: (w/o Enclosures)

Mr. D. L. Griffith
Mr. W. D. Gunter
Mr. W. Jefferson, Jr.
Mr. E. J. Kapopoulos, Jr.
Mr. B. C. McCabe
Ms. T. M. Midgette

Mr. M. G. Wallace
Mr. S. Schwindt
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HNP Licensed Operator Written Exam question #26 Post Exam Comment

Comment for question # 26 is both answers A and B are correct. In the HNP EOP users guide the bases for the 100°F/hr cooldown rate limit is stated as follows: EOPs that provide instructions for plant cooldown and depressurization to cold shutdown conditions limit the RCS cooldown rate to 100°F/hr consistent with the Tech Spec limits for Modes 1 - 3. This basis confirms answer A is correct. The stem of the question states that an EPP-009 Post LOCA Cooldown and Depressurization is in progress. The bases document for EPP-009 (ES-1.2), states that the maximum cooldown rate of 100°F/hr will preclude violation of the Integrity Status Tree thermal shock limits. FRP-P.1, RESPONSE TO IMMINENT PRESSURIZED THERMAL SHOCK, would be the procedure entered if the Integrity Status Tree limits were violated which would also make answer B Correct. Since the stem of the question did not specify whether the basis for the limit of 457°F at 0630 or the basis for the limit in EPP-009 was desired, either answer could be considered correct based on the reference used to answer the question. EPP-009 basis document was not referenced in the development of this question and this new technical information supports accepting both answers as correct.

Attached:

HNP Written Exam question # 26
EPP-009, Post LOCA Cooldown and Depressurization Rev 18 page 12
EOP Users Guide Rev 30 page 46
ES-1.2 HP-Rev 2 page 81