

PMSTPCOL PEmails

From: Joseph, Stacy
Sent: Tuesday, January 17, 2012 1:17 PM
To: 'gscashell@stpegs.com'
Cc: STPCOL
Subject: Ch. 14 License Conditions
Attachments: 14.2 License Conditions.docx

Steve,

As discussed, attached are the proposed Ch. 14 license conditions related to Initial Plant Testing. These license conditions are based off the Vogtle and Summer License Conditions for consistency. Please take a look and let me know if the set-up of the conditions disagrees with STP's test program.

Thank you,
Stacy Joseph

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3244

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Subject: Ch. 14 License Conditions
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From: Joseph, Stacy

Created By: Stacy.Joseph@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
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14.2 License Conditions.docx	17043	

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The staff proposes the following license conditions to address COL License Information Item 14.2, Items (5) through (8):

License Condition 14.2-1: Initial Fuel Loading and Pre-Criticality Testing

- (a) Upon a Commission finding in accordance with 10 CFR 52.103(g) that all the acceptance criteria in the ITAAC in Appendix A to this SER are met, STPNOC is authorized to perform pre-critical tests in accordance with the conditions specified herein;
- (b) NINA shall perform the pre-critical tests identified in FSAR Sections 14.2.10.1, 14.2.10.2, 14.2.10.3, and 14.2.12.2;
- (c) NINA shall review and evaluate the results of the tests identified in LC 14.2-1(b) and confirm that these test results are within the range of acceptable values predicted or otherwise confirm that the tested systems perform their specified functions in accordance with FSAR Sections 14.2.10 and 14.2.12.2; and
- (d) NINA shall notify the Director of NRO, or the Director's designee, in writing, upon successful completion of the pre-criticality tests identified in LC 14.2-1(b).

License Condition 14.2-2: Initial Criticality and Nuclear Heat-Up Testing

- (a) Upon submission of the notification required by LC 14.2-1(d), STPNOC is authorized to operate the facility at reactor steady-state core power levels not to exceed 5-percent thermal power in accordance with the conditions specified herein;
- (b) NINA shall perform the initial criticality and low-power tests at the Open Vessel (OV) and Nuclear Heat-Up (HU) testing plateaus identified in FSAR Table 14.2.-1 and FSAR Sections 14.2.10.4 and 14.2.12.2;
- (c) NINA shall review and evaluate the results of the tests identified in LC 14.2-2(b) and confirm that these test results are within the range of acceptable values predicted or otherwise confirm that the tested systems perform their specified functions in accordance with FSAR Sections 14.2.10.4 and 14.2.12.2; and
- (d) NINA shall notify the Director of NRO, or the Director's designee, in writing, upon successful completion of initial criticality and low power tests identified in LC 14.2-2(b).

License Condition 14.2-3: Power Ascension Testing

- (a) Upon submission of the notification required by LC 14.2-2(d) of this license, STPNOC is authorized to operate the facility at reactor steady-state core power levels not to exceed 100-percent thermal power in accordance with the conditions specified herein, but only for the purpose of performing power ascension testing;
- (b) NINA shall perform the power ascension tests at the Low Power (LP), Mid Power (MP) and High Power (HP) testing plateaus identified in FSAR Table 14.2.-1 and FSAR Section 14.2.12.2;

- (c) NINA shall review and evaluate the results of the tests identified in LC 14.2-3(b) and confirm that these test results are within the range of acceptable values predicted or otherwise confirm that the tested systems perform their specified functions in accordance with FSAR Section 14.2.12.2; and
- (d) NINA shall notify the Director of NRO, or the Director's designee, in writing, upon successful completion of power ascension tests identified in LC 14.2-3(b).

License Condition 14.2-4: Reporting Requirements

- (a) Within 30 days of a change to the initial test program described in FSAR Section 14, Initial Test Program, made in accordance with 10 CFR 50.59 or in accordance with 10 CFR Part 52, Appendix D, Section VIII, "Processes for Changes and Departures," STPNOC shall report the change to the Director of NRO, or the Director's designee, in accordance with 10 CFR 50.59(d).
- (b) STPNOC shall report any violation of a requirement in License Conditions 14.2-1, 14.2-2 and 14.2-3 of this license within 24 hours. Initial notification shall be made to the NRC Operations Center in accordance with 10 CFR 50.72, with written follow up in accordance with 10 CFR 50.73.