

# CATEGORY 1

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SUBJECT: Forwards rev 1 to HB Robinson Steam Electric Plant Unit 2  
Bases to improved TS. Revision corrects page number,  
referenced SRs contained in Bases to SR 3.8.2.1 & adds  
descriptive info re high steam line flow ESFAS trip signal.

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**Carolina Power & Light Company**

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RNP File No: 13510HA  
Serial: RNP-RA/97-0241

**NOV 13 1997**

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23  
TRANSMITTAL OF REVISION 1 TO  
THE TECHNICAL SPECIFICATIONS BASES

Gentlemen:

This letter provides Revision 1 to the Bases to Carolina Power & Light (CP&L) Company's H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2 Improved Technical Specifications (ITS). Revision 1 to the Bases corrects a page number, corrects referenced Surveillance Requirements (SRs) contained in the Bases to SR 3.8.2.1, and adds descriptive information regarding the high steam line flow Engineered Safety Features Actuation System (ESFAS) trip signal. Revision 1 to the Bases was approved in accordance with ITS Section 5.5.14, "Technical Specifications (TS) Bases Control Program," and was implemented immediately following implementation of Revision 0 to the Bases on November 13, 1997.

Attachment I provides a description of the Bases changes included in Revision 1.

Attachment II contains the Bases replacement pages and instructions for inserting the pages into the ITS Bases.

If you have any questions concerning this matter, please contact me or Mr. H. K. Chernoff of my staff at (803) 857-1437.

Very truly yours,

*Terry M. Wilkerson*

T. M. Wilkerson  
Manager - Regulatory Affairs

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United States Nuclear Regulatory Commission

Serial: RNP-RA/97-0241

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Attachments

- I. Description Of The Bases Changes
- II. Improved Technical Specifications Bases Revision 1

c: Mr. L. A. Reyes, Regional Administrator, USNRC, Region II  
Ms. B. L. Mozafari, USNRC Project Manager, HBRSEP (4 copies)  
Mr. B. B. Desai, USNRC Resident Inspector, HBRSEP

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DESCRIPTION OF THE BASES CHANGES

Bases to Limiting Condition For Operation (LCO) 3.3.1

Two (2) pages in the bases were numbered as B 3.3-55. The page numbering error was corrected by numbering the first of the two (2) pages, which is the last page in the Bases to Section 3.3.1, as B 3.3-54a.

Bases to Limiting Condition For Operation (LCO) 3.3.2

The High Steam Flow in Two Steam Lines Engineered Safety Features Actuation System (ESFAS) Nominal Trip Setpoint and Allowable Values are contained in Technical Specifications Table 3.3.2-1 Functions 1f and 4d and are described in the Bases to LCO 3.3.2. The Nominal Trip Setpoint is fixed for turbine first stage pressures at the equivalent of 20% load and below and increases linearly to a point corresponding to 109% turbine load, as described in Note (d) to Table 3.3.2-1. The Allowable Values are also a function of turbine load and are described in similar fashion to the Nominal Trip Setpoint in Note (c) to Table 3.3.2-1, except that the Allowable Value is not allowed to increase above 110.5% full steam flow for turbine load values above 100% load. The plant trip setpoint was modified to not permit the trip setpoint to increase above the Nominal Trip Setpoint of 109% full steam flow for turbine load values above 100% turbine load, in order to assure compliance with the setpoint Allowable Value.

No description of the setpoint as a function of turbine load was provided in Revision 0 to the Bases. A description for the High Steam Flow in Two Steam Lines ESFAS Nominal Trip Setpoint and Allowable Values was added in Revision 1 to the Bases to LCO 3.3.2.

Bases to Limiting Condition For Operation (LCO) 3.8.2

The referenced Surveillance Requirements (SRs) that are not required to be met in the Bases to SR 3.8.2.1 were corrected to agree with the Improved Technical Specifications (ITS) SR 3.8.2.1.

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
IMPROVED TECHNICAL SPECIFICATIONS BASES REVISION 1

Remove and insert the following pages into the Bases.

Remove Page

List of Effective

Pages	Revision 0
B 3.3-55	Revision 0 <sup>1</sup>
B 3.3-67	Revision 0
-	
B 3.8-30	Revision 0

Insert Page

List of Effective

Pages	Revision 1
B 3.3-54a	Revision 1
B 3.3-67	Revision 1
B 3.3-67a	Revision 1
B 3.8-30	Revision 1

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1. Two (2) pages numbered B 3.3-55 were included in Revision 0 to the Bases. Remove the first page B 3.3-50, which is the last page associated with the Bases to Limiting Condition for Operation (LCO) 3.3.1.

H. B. ROBINSON UNIT NO. 2 TECHNICAL SPECIFICATINS BASES EFFECTIVE PAGES

<u>Page</u>	<u>Rev.</u>
Title Page	0
List of Effective Pages	1
Bases to Facility Operating License DPR-23 Technical Specifications	
ii - iv	0
B 2.0-1 through B 3.3-54	0
B 3.3-54a	1
B 3.3-55 through B 3.3-66	0
B 3.3-67	1
B 3.3-67a	1
B 3.3-68 through B 3.8-29	0
B 3.3-30	1
B 3.3-31 through B 3.9-27	0