

50-261

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TO:

Mr. Robert W. Reid

FROM:

Carolina Power & Light Company  
Raleigh, North Carolina  
E. E. Utley

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DESCRIPTION

Ltr. re their 9/9/75 and 8/12/74 ltrs...  
consists of additional information  
concerning the Quality Assurance Program  
for calibration and personnel qualification..

ENCLOSURE

DO NOT REMOVE

(2-P)

ACKNOWLEDGED

PLANT NAME:

H. B. Robinson Unit No. 2

RJL

SAFETY

FOR ACTION/INFORMATION

ENVIRO

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

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## INTERNAL DISTRIBUTION

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Carolina Power & Light Company

March 30, 1977

FILE: OQA-2510 (R)

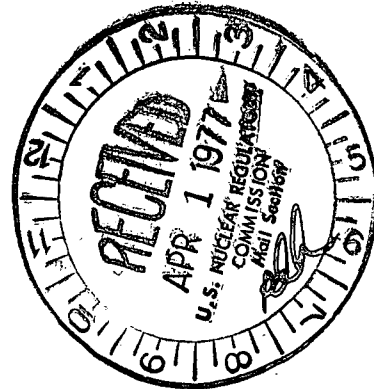
SERIAL: OQA-77-17

Mr. Robert W. Reid, Chief  
Operating Reactors Branch No. 4  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Reid:

**REGULATORY DOCKET FILE COPY**

H. B. ROBINSON UNIT NO. 2  
DOCKET 50-261  
LICENSE DPR-23  
QUALITY ASSURANCE PROGRAM



CP&L letters, dated September 9, 1975 and August 12, 1974, submitted a description of the operational QA program for the H. B. Robinson Steam Electric Plant Unit No. 2. This letter submits additional information concerning the QA program for calibration and personnel qualification.

1. Permanently installed safety-related operating equipment shall be calibrated by Measuring & Test Equipment, M&TE, (as defined in IEEE 498-1975) that has a tolerance closer than the required tolerance (surveillance limits) of the operating equipment.

In cases where this accuracy is not achievable or limited by the state-of-the-art, an engineering evaluation or other appropriate justification shall be performed and documented to justify acceptability of the M&TE in question.

2. Measuring & Test Equipment shall be calibrated in accordance with the requirements of IEEE 498-1975, except that reference standards shall have tolerances not greater than one-fourth the tolerance of the M&TE being calibrated.

In cases where this accuracy is not achievable or is limited by the state-of-the-art, an engineering evaluation or other appropriate justification shall be performed and documented to justify acceptability of the reference standard question.

Equipment which is used both for calibration and for measuring or testing shall be considered as M&TE when selecting the reference standard used to calibrate this equipment.

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770940119

March 30, 1977

3. Reference standards shall be calibrated against higher level equipment of closer tolerance than the reference standard being calibrated.
4. Special tools, e.g., torque wrenches, torquometers, micrometers, calipers, dial indicators, and levels, shall be calibrated in accordance with manufacturers' recommendations or commercial practice.
5. Radiation Survey/measuring instruments utilized for determination of emanating/airborne radioactivity, as required for personnel safety, and chemical/radiochemical analysis instruments shall be calibrated/maintained as outlined in Volume VIII of the Plant Operating Manual, "Radiation Control and Protection".
6. The calibration program for permanently installed safety-related operating equipment and associated M&TE shall be controlled in accordance with the H. B. Robinson Unit No. 2 Quality Assurance Program.
7. Facility personnel shall meet the requirements of ANSI N45.2.6-1973, with exceptions noted in the letters referenced above, only when required by ANSI N45.2.1, N45.2.2, N45.2.5, N45.2.8 and N45.2.13. Facility personnel shall otherwise meet the requirements of ANSI N18.1-1971 when performing other testing or inspections, such as periodic testing (surveillance testing).

These clarifications are submitted for your review and acceptance.

Yours very truly,



E. E. Utley  
Senior Vice-President  
Power Supply

EEU:cpw

cc: Messrs. H. R. Banks  
B. J. Furr  
P. W. Howe  
R. E. Jones  
M. A. McDuffie  
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