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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina ~~05000400~~
 50-401 Shearon Harris Nuclear Power Plant, Unit 2, Carolina 05000401
 50-402 Shearon Harris Nuclear Power Plant, Unit 3, Carolina 05000402
 50-403 Shearon Harris Nuclear Power Plant, Unit 4, Carolina 05000403

AUTH. NAME AUTHOR AFFILIATION
 CHIANGI, N. J. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Interim deficiency rept re significant failure of reactor protection sys following main feedline break. Westinghouse has indicated corrective action cannot be completed before Dec 1981. Final rept will be issued upon completion.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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CP&L

Carolina Power & Light Company

Raleigh, N. C. 27602

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Item 41

July 8, 1980

Mr. James P. O'Reilly
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, NW
Atlanta, Georgia 30303SHEARON HARRIS NUCLEAR POWER PLANT UNIT NOS. 1, 2, 3, AND 4
DOCKET NOS. 50-400, 50-401, 50-402, 50-403
POTENTIALLY SIGNIFICANT FAILURE OF THE REACTOR PROTECTION
SYSTEM FOLLOWING A MAIN FEEDLINE BREAK
INTERIM REPORT

Dear Mr. O'Reilly:

The following was discussed with and concurred by your Mr. J. Bryant on
July 7, 1980:

- (a) The potentially significant failure of the reactor protection system following a main feedline break is considered reportable per the provisions of 10CFR50.55(e). Such a break within containment could result in the heatup of the steam generator level measurement reference resulting in delaying protection signals.
- (b) Westinghouse has indicated that due to operating plants receiving priority over plants under construction, corrective action on this item for the Shearon Harris Nuclear Power Plant units cannot be completed till December, 1981.
- (c) Upon completion of the corrective action, the final 10CFR50.55(e) report will be submitted.
- (d) Westinghouse has already reported this item per the provisions of 10CFR, Part 21.

If you have any questions regarding this matter, please do not hesitate to contact me.

KVH/gea (909741)

cc: Mr. V. Stello (2) ✓

Yours very truly,

Original Signed By

N. J. Chiangi
N. J. Chiangi - Manager
Engineering & Construction
Quality Assurance

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Carolina Power & Light Company
Raleigh, N. C. 27602

FORM NO. 100-1

DATE: 10/1/54

TO: Mr. J. B. ...
FROM: Mr. ...
SUBJECT: ...

...

- (a) ...
- (b) ...
- (c) ...
- (d) ...
- (e) ...

Original Signed By

10/1/54

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