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 FACIL: 50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261
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 REECE, J.W. *gw.* ~~Reece Engineering Associates~~
 RECIP. NAME RECIPIENT AFFILIATION
 MCKAY, S Plant Systems Branch

SUBJECT: Summary of 790905 meeting w/util to discuss feedwater lines.
 Horizontal run of fittings at feeding level is too short
 to allow any damaging waterhammer to occur. Forwards work
 voucher. W/o encl.

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September 6, 1979

Mr. Sam McKay
Plant Systems Branch
ONRR/DOR
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sam:

I had a good meeting yesterday at the H. B. Robinson plant with C. P. & L. 's Mr. Bill Flannagan, Plant Engineer and Mr. Joe Curley, Engineering Supervisor. They were very cooperative and will send blueprints and other information as requested.

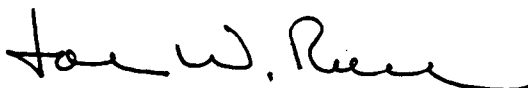
It turns out that

- 1) All main feed water lines are alike at point where they enter generators, and have no horizontal length of "pipe". There is only the nozzle, a reducer and the downward turning elbow.
- 2) The AFW lines do enter the main FW lines inside containment, but at a point much lower and on the outside of the crane wall, so that it would be difficult to reroute them to enter the FW lines close to the generator.

I am presently of the opinion that the horizontal run of "fittings" at feeding level is too short to allow any damaging waterhammer to occur. The operating history of the plant bears this out.

Please process the enclosed voucher for my work during the month of July. I will keep you posted on my work.

Sincerely,


Joe W. Reece, P. E.

JWR/nr

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