



**LOUISIANA**  
**POWER & LIGHT**

142 DELARONDE STREET  
P O BOX 6003 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

L. V. MAURIN  
Vice President Nuclear Operations

February 24, 1983

W3P83-0594  
Q-3-A20.16

Director of Nuclear Reactor Regulation  
ATTENTION: Mr. G. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUBJECT: Waterford 3 SES  
Docket No. 50-382  
EQ Audit Follow-up

Dear Mr. Knighton:

Enclosed please find additional information on equipment qualification as requested during the EQ Audit at the Waterford 3 plant site. Comment 21 (5) on page 87 of the Official EQ Audit Record dealt with ITT Barton pressure switches. This comment asked:

- a) if same type of O-ring was used for sealing "-1" series as was used for "-0" series of ITT Barton pressure switches
- b) why thermal aging was done on three and radiation on two specimens

ITT Barton has been contacted on this matter, and their attached response states that

- a) all O-rings used in IE switches are of the same EPT (ethylene, propylene terpolymer) composition
- b) radiation was performed on all three test specimens

It is our position that this information should be sufficient to close out Comment 21. If you have any questions, please advise.

Yours very truly,

*L. V. Maurin*  
L. V. Maurin

LVM/SMJ/ssd

Attachment

cc: Jim Wilson (NRC), Hukam Garg (NRC), R. LaGrange (NRC), M. W. Yoot (EG&G),  
E. R. Holloway (EG&G), E. L. Blake, W. M. Stevenson, Central Records,  
Nuclear Records (2), Licensing Library

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PDR  
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This telex, in response to our telex  
dt 2/2/83, resolves item nos 5a and 5b  
of comment no 21 referred to above.

S. Nath  
2/4/83

BT : BERSCO TELEX TO K. MC LEAN DATED 2/2/83

THIS TELEX IS INTENDED TO CONFIRM OUR TELECON OF 2-3-83 IN WHICH I ADVISED YOU OF THE FOLLOWING ANSWERS IN RESPONSE TO THE QUESTIONS YOU ASKED IN THE ABOVE REFERENCED TELEX:

QUES 1) ARE THE O-RINGS USED IN DP SWITCH  
MODEL 580-1 THE SAME AS THOSE USED  
IN THE MODEL 580-0 AND 581-0?

ANS 1) YES ALL THE O-RINGS IN THE 1E SWITCHES  
REFERENCED ABOVE HAVE THE SAME MATERIAL  
COMPOSITION - EPT (ETHYLENE PROPYLENE  
TERPOLYMER)

Q153 2) NOT APPLICABLE - SEE THE ANSWER TO Q152  
1 ABOVE.

QUES 3) WHY THERMAL AGING WAS DONE FOR 3 SPECIMENS  
(SL NOS. 778-001, -003, -004) AND RADIATION  
AGING FOR TWO SPECIMENS (SL NOS. 778-001, -003)  
ONLY?

ANS 3) RADIATION WAS PERFORMED ON ALL THREE INSTRUMENTS.  
PARAGRAPH 6.4.6 IDENTIFIES THAT ALL THREE UNITS  
WERE RADIATED. (SEE R3-580-6 PAGE 42 OF 57,  
PARAGRAPH 6.4.6)

S/N 778-001	TID	220 X 10 6 RADS
778-003		216 X 10 6 RADS
778-004		210 X 10 6 RADS

IF YOU HAVE ANY FURTHER QUESTIONS PLEASE FEEL FREE TO CALL UPON ME.

SINCERELY,

KEVIN J. MC LEAN

ITTEBARTON COLD

1891 EST

128500 NY