B 09/28/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-387/388

REC: PARR O D
NRC

ORG: CURTIS N W
PA PWR & LIGHT

DOCDATE: 09/25/78
DATE RCVD: 09/28/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED
LTR 1 ENCL 40

SUBJECT:
FORWARDING REVISION TO APPLICANT"S REPT SUBMITTED 10/18/76 CONSISTING OF REPT ENTITLED: "A REACTION TO CRACKING OF AUSTENITIC STAINLESS STEEL PIPING IN BOILING WATER REACTORS", AND INCLUDING SUBJECT FACILITY"S SES DESIGN MODIFICATIONS.

PLANT NAME: SUSQUEHANNA - UNIT 1
SUSQUEHANNA - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: MC

********** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS **********

NOTES:
SEND I&E 3CYS FSAR & ALL AMDTS

AUSTENITIC STAINLESS STEEL IN BWR
(DISTRIBUTION CODE B012)

FOR ACTION:
ASST DIR VASSALLO**W/ENCL
LIC ASST LWR#3 LA**W/ENCL
BR CHIEF LWR#3 BC**W/ENCL

INTERNAL:
REG FILE**W/ENCL
~~I & E**W/2 ENCL~~
DIRECTOR DPM**W/ENCL
F WILLIAMS**W/ENCL
DIRECTOR DSS**W/ENCL
MATERIAL ENG BR**W/ENCL
L CROCKER**W/ENCL
NRC PDR**W/ENCL
OELD**W/ENCL
DEPUTY DIR DPM**W/ENCL
H SMITH**W/ENCL
AD FOR ENG**W/ENCL
H CONRAD**W/ENCL
AD FOR ENGR & PROJ**W/ENCL

EXTERNAL:
LPDR'S
WILKES BARRE, PA**W/ENCL
TERA**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

DISTRIBUTION: LTR 37 ENCL 37
SIZE: 1P+21P

CONTROL NBR: 781780136
MA 4 GD

********** THE END **********

TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101 PHONE: (215) 821-5151

SEP 25 1978

Mr. Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA SES
NRC STAFF POSITION ON THE USE
OF AUSTENITIC STAINLESS STEEL
ER 100450 FILES 841-2, 883
PLA-291

Dear Mr. Parr:

Enclosed are 40 copies of a report entitled "A Reaction to Cracking of Austenitic Stainless Steel Piping in Boiling Water Reactors." This report is a revision to a report provided to you on October 18, 1976.

Subsequent to the original issue of this report there have been numerous incidents attributed to Intergrannular Stress Corrosion Cracking (IGSCC). Based on these incidents, PP&L has modified its position on IGSCC, which included additional design changes at SSES. For this reason and to provide PP&L's response to your letter of February 15, 1978, this report has been revised and updated.

Very truly yours,

N. W. Curtis

N. W. Curtis

WEB:JLI

Enclosure

B012 S 1/40 REPRO LTRS