

1309/20/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-387-388

REC: PARR O D
NRC

ORG: CURTIS N W
PA PWR & LIGHT

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

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 40

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

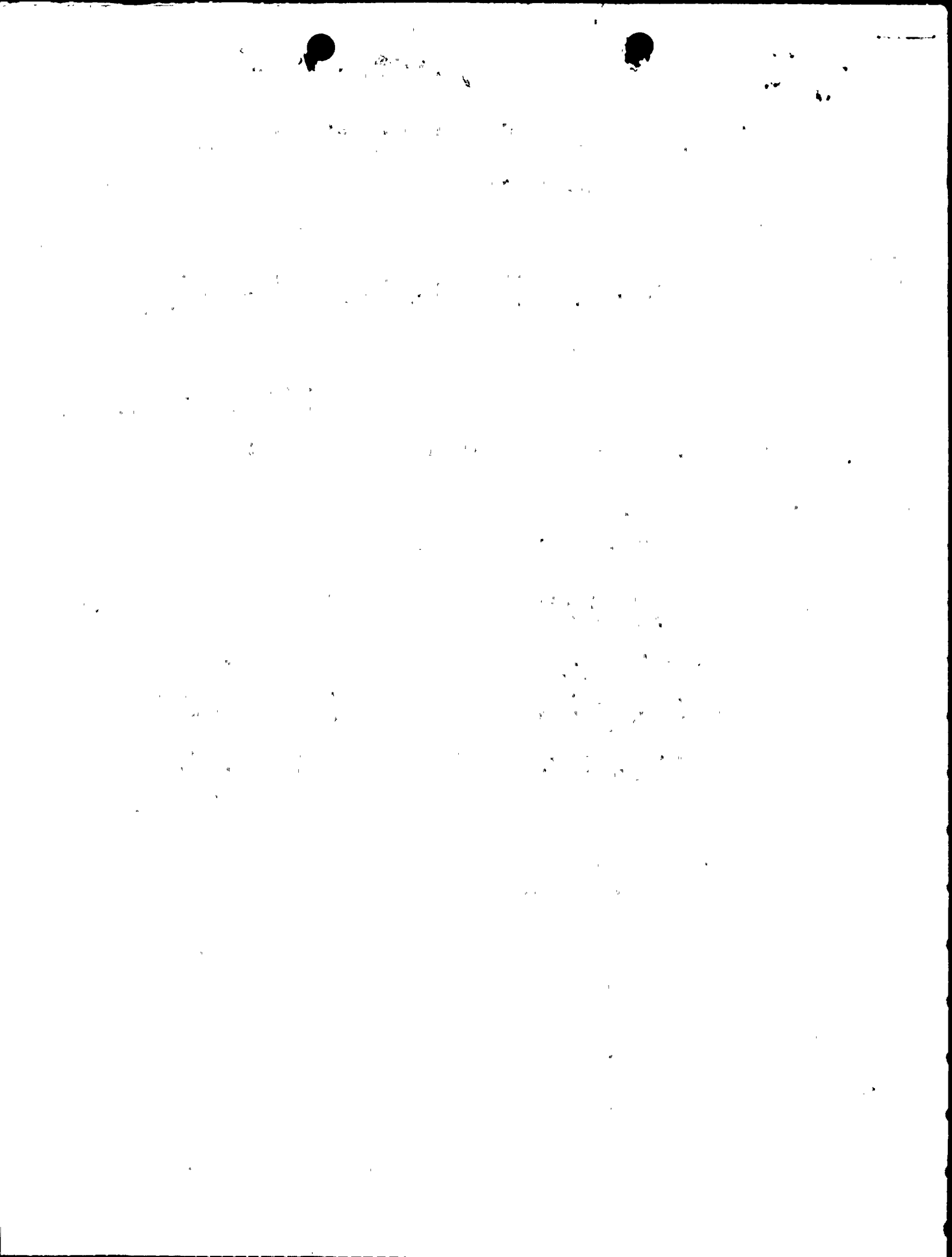
EXTERNAL: LPDR'S
WILKES BARRE, PA**W/ENCL
TERA**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

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

CONTROL NBR: 78178-136

MA 4
60

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



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

DISTRIBUTION SERVICES
BRANCH

1978 SEP 23 AM 9 12

REGISTRATION
UNIT

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 Intergranular 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

WEB:JLI

Enclosure

781780136

*Boiler
5/1/80
revised
LWRES*



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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in all financial dealings.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the sampling process and the statistical methods employed to interpret the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, and that the results are consistent with the theoretical model proposed.

4. The fourth part of the document discusses the implications of the findings and offers suggestions for further research. It suggests that future studies should focus on exploring the underlying mechanisms of the observed relationships.

5. The fifth part of the document concludes the study and summarizes the key findings. It reiterates the importance of accurate record-keeping and the need for ongoing research in this field.