

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9607080374 DOC. DATE: 96/06/27 NOTARIZED: NO DOCKET #
FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387
AUTH. NAME AUTHOR AFFILIATION
BYRAM, R.G. Pennsylvania Power & Light Co. *see report*
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Transmits util Single Failure Analysis for affiliated instrument circuits supplied by GE for plant.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2 + 393
TITLE: OR Submittal: General Distribution

NOTES:

05000387

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	PD1-2 LA	1 1	PD1-2 PD	1 1
	POSLUSNY, C	1 1		
INTERNAL:	ACRS	1 1	<u>FILE CENTER 01</u>	1 1
	NRR/DE/EMCB	1 1	NRR/DRCH/HICB	1 1
	NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
	NUDOCS-ABSTRACT	1 1	OGC/HDS2	1 0
EXTERNAL:	NOAC	1 1	NRC PDR	1 1
NOTES:		1 1		

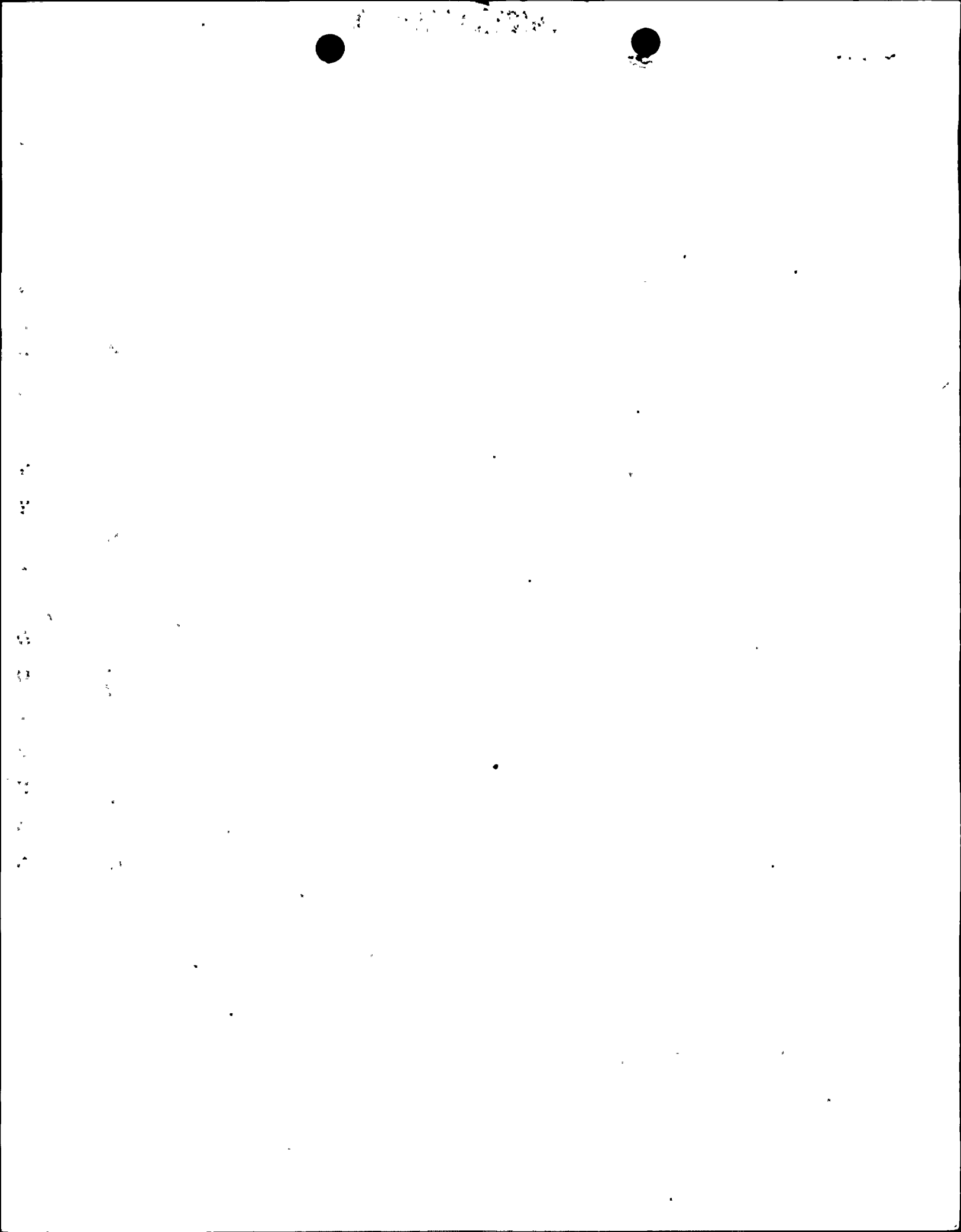
NOTE TO ALL "RIDS" RECIPIENTS:
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM
DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 14 ENCL 13

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T





Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram
Senior Vice President-Nuclear
610/774-7502
Fax: 610/774-5019

JUN 27 1996

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, D.C. 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
CLASS 1E/NON-CLASS 1E ISSUE: SINGLE
FAILURE ANALYSIS OF UNIT 1 AFFILIATED
INSTRUMENT CIRCUITS WITHIN THE GE
SCOPE OF SUPPLY**

PLA-4472

FILE R41-2

Docket No. 50-387

The purpose of this letter is to transmit Pennsylvania Power & Light Company's Single Failure Analysis (EC-QDET-1002) for the affiliated instrument circuits supplied by GE for Susquehanna SES Unit 1. The GE Power Range Monitoring System affiliated instrument circuits are not included since these circuits were previously sent to the NRC. Also the affiliated circuits for the computer and annunciation systems are not included since the computer and annunciation input circuits have been previously sent to the NRC.

The result of the Single Failure Analysis shows that each GE affiliated circuit meets the acceptance criteria and that a common mode failure of the Non-Class 1E GE instruments along with a single random failure (Fault) in the raceway system does not prevent proper protection action at the system level when required. In all cases, the redundant division (channels) is available to perform the protection action. Also in all cases, the stated safety function for each of the GE affiliated circuits is maintained.

The Single Failure Analysis for the affiliated instrument circuits supplied by GE for Susquehanna SES Unit 2 will be submitted by September 6, 1996.

9607080374 960627
PDR ADDCK 05000387
P PDR

ADD 4/1

1957

1957

1957

1957

1957

1957

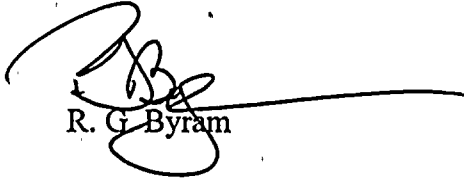
1957

1957

1957

If you have any questions, please contact Mr. C. T. Coddington at (717) 542-3289.

Very truly yours,



R. G. Byram

Attachment

copy: NRC Region I
Ms. M. Banerjee, NRC Sr. Resident Inspector
Mr. C. Poslusny, NRC Sr. Project Manager

