

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: NRC

FROM: Pa Pwr & Light Co
Allentown, Pa
N W Curtis

DATE OF DOCUMENT
3-23-76
DATE RECEIVED 3-29-76

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DESCRIPTION
Ltr furnishing info concerning modification to question 5.37 which will be included with material submitted in Amdt #16 to the PSAR....

PLANT NAME: Susquehanna 1 & 2

ENCLOSURE

DO NOT REMOVE

ACKNOWLEDGED

SAFETY FOR ACTION/INFORMATION ENVIRO 3-31-76 enr

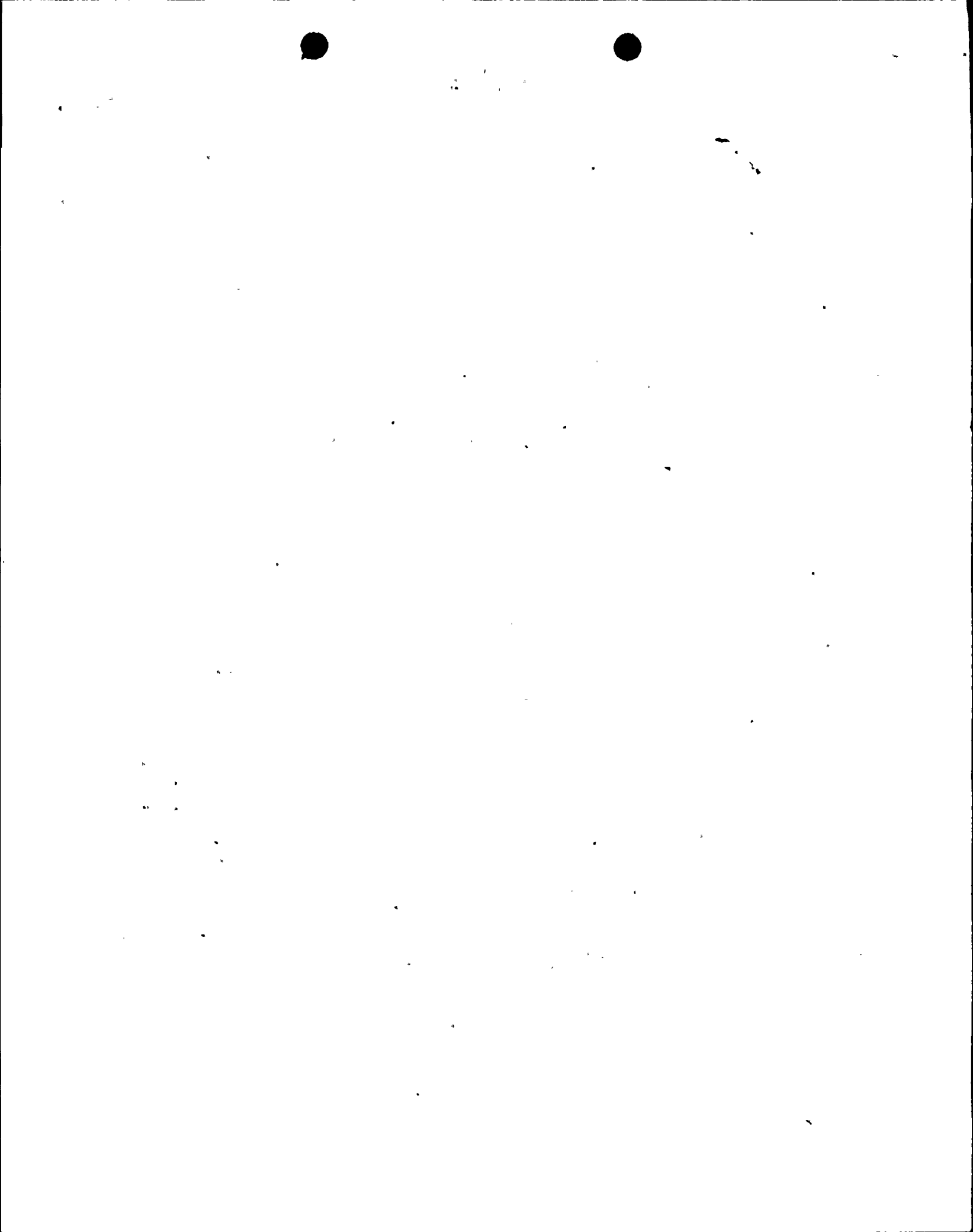
<input checked="" type="checkbox"/> ASSIGNED AD :	<i>De Young</i>	ASSIGNED AD :	
<input checked="" type="checkbox"/> BRANCH CHIEF :	<i>Butler</i>	BRANCH CHIEF :	
<input checked="" type="checkbox"/> PROJECT MANAGER :	<i>Minor</i>	PROJECT MANAGER :	
<input checked="" type="checkbox"/> LIC. ASST. :	<i>Rushbrook</i>	LIC. ASST. :	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	BALLARD
<input checked="" type="checkbox"/> OELD		LAINAS	SPANGLER
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL (2)
HANAUER	SINWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLNER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRIMES	KREGER
MELTZ			
HELTENES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: <i>Wilkes Barre, Pa</i>	NATL LAB	BROOKHAVEN NATL LAB	CONTROL NUMBER 3112
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON(ORNL)	
<input checked="" type="checkbox"/> NSIC	LA PDR		
<input checked="" type="checkbox"/> ASLB	CONSULTANTS		
<input checked="" type="checkbox"/> ACRS /6 HOLDING/SENT	<i>to LA Rushbrook</i>		



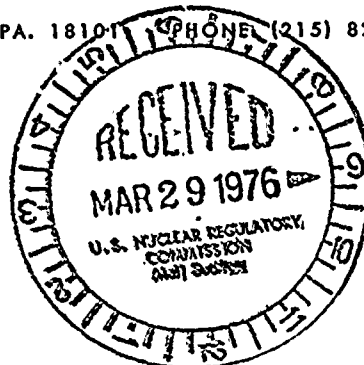
PP&L

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

March 23, 1976

REGULATORY DOCKET FILE COPY

Director of Nuclear Reactor Regulation
Light Water Reactors Branch No. 1-2
U. S. Nuclear Regulatory Commission
Washington, DC 20555



Bicentennial
Pennsylvania

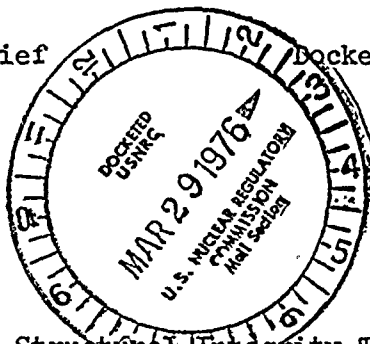


So your children can tell
their children.

Attention: Dr. Walter R. Butler, Chief

Docket Nos. 50-387
50-388

SUSQUEHANNA STEAM ELECTRIC STATION
MODIFICATION TO QUESTION 5.37
ER 100450 FILE 840-2
PLA-110



Dear Dr. Butler:

We are in the process of writing our Structural Integrity Test Procedure to be submitted to you in late April, 1976. In Amendment #16, we submitted an amended response to Question 5.37 on compliance with Regulatory Guide 1.18. This response listed our exceptions to Regulatory Guide 1.18. We have two additional exceptions. They are as follows:

1. Reference: Paragraph C.2 of the Regulatory Guide. We intend to select the number and distribution of measuring points for monitoring radial deflections so that the as-built conditions can be considered in the assessment of general shell response.

In general the locations of measuring points for radial deflections are in agreement with Figure B, except point 1. Point 1 is provided at a distance of two times the wall thickness (12') from the base slab. This variation is made to properly predict the containment behavior near the base slab to wall connection. If point 1 were to be provided at a height of three times the wall thickness (18') it would be located very close to point 2 (suppression chamber wall midheight is 26') and would not yield any additional behavior pattern of the containment.

2. Reference: Paragraph C.5 of the Regulatory Guide. Because of the current state of the art, triaxial concrete strain distortion measurements, while taken, may not be used to evaluate the containment strain distribution. The concrete strain will be evaluated using linear strain measurements in the meridional and radial directions.

3112



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As we stated before, we intend to submit our Structural Integrity Test Procedure in late April and would like your comments on these exceptions prior to that date.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction

NWC:AAW