

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS) mK1

ACCESSION NBR: 8007180364 DOC. DATE: 80/07/14 NOTARIZED: NO DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387  
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388  
 AUTH. NAME AUTHOR AFFILIATION  
 CURTIS, N.W. Pennsylvania Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Potential deficiency rept re coped structural floor beams.  
 Based on results of evaluation program, conditions noted are  
 nonconforming & are, therefore, not reportable under  
 10CFR50.55(c). Bechtel predecures have been revised.

DISTRIBUTION CODE: 8019S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2  
 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES: Send I&E 3 copies FSAR & all amends. 05000387  
~~Send I&E 3 copies FSAR & all amends.~~ 05000388

|           | RECIPIENT<br>ID CODE/NAME | COPIES<br>LTR ENCL |   | RECIPIENT<br>ID CODE/NAME | COPIES<br>LTR ENCL |
|-----------|---------------------------|--------------------|---|---------------------------|--------------------|
| ACTION:   | A/D LICENSNG 21           | 1                  |   | YOUNGBLOOD, B 15          | 1                  |
|           | RUSHBROOK, M. 20          | 1                  |   | SERVICE, M. 20            | 1                  |
|           | STARK, R. 14              | 1                  |   |                           |                    |
| INTERNAL: | AD/RCI/IE                 | 1                  |   | AEOD                      | 1                  |
|           | D/DIR HUM FAC S           | 1                  |   | DIR, HUM FAC SFY          | 1                  |
|           | EDO & STAFF 07            | 1                  |   | EQUIP QUAL BR16           | 1                  |
|           | FIELD COOR/IE13           | 1                  |   | I&E 05                    | 2                  |
|           | LIC. QUAL BR              | 1                  |   | MPA 08                    | 1                  |
|           | NRC PDR 02                | 1                  |   | OELO 23                   | 1                  |
|           | PROC/TST REV BR           | 1                  |   | QA BR 10                  | 1                  |
|           | <u>REG FILE</u> 01        | 1                  |   | RUTHERFORD, W. IE         | 1                  |
|           | STANDARDS DEV 11          | 1                  |   |                           |                    |
| EXTERNAL: | ACRS 24                   | 16                 | 1 | LPDR 03                   | 1                  |
|           | NSIC 04                   | 1                  |   |                           |                    |

JUL 21 1980

TOTAL NUMBER OF COPIES REQUIRED: LTR 41 ENCL 0

**PP&L**

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

NORMAN W. CURTIS  
Vice President-Engineering & Construction-Nuclear  
821-5381

July 14, 1980

Mr. Boyce H. Grier  
Director, Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

SUSQUEHANNA STEAM ELECTRIC STATION  
NOTIFICATION OF A POTENTIAL DEFICIENCY  
COPED STRUCTURAL FLOOR BEAMS  
ERs 100450/100508      FILE 840-4  
PLA-492

Reference: PP&L letter PLA-443 dated January 22, 1980

Dear Mr. Grier:

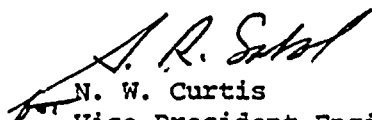
The referenced letter describes a condition which was submitted as being potentially reportable under the provisions of 10CFR50.55(e).

A field inspection program was conducted using both visual and non-destructive examination methods. After completion of the field inspections, a finite element analysis was performed for the coped beams which had radii less than the specified 1/4 inch minimum. Fracture mechanics analysis was performed to evaluate the significance of the kerfs and other cope related discontinuities.

Based on the results of the evaluation program we have concluded that the conditions noted are nonconforming conditions which are technically acceptable and will have no adverse effect on the safe operation of the plant and, therefore, have been determined to be not reportable. All nonconformance have been identified and are being controlled in accordance with Bechtel Quality Control procedures and will be dispositioned accordingly.

However, to preclude recurrence of similar nonconformances, the pertinent Bechtel Quality Surveillance Plan procedures have been revised to require Bechtel inspection personnel to examine structural members to assure that improperly coped beams are not permitted to be shipped.

Very truly yours,

  
N. W. Curtis

Vice President-Engineering & Construction-Nuclear

*Boyle  
5/10*

PENNSYLVANIA POWER & LIGHT COMPANY

8007180364

Mr. Boyce H. Grier

- 2 -

July 14, 1980

FLW/ARS:jmk

cc: Mr. Victor Stello (15)  
Director-Office of Inspection & Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. G. McDonald, Director  
Office of Management Information & Program Control  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. Robert M. Gallo  
U. S. Nuclear Regulatory Commission  
P.O. Box 52  
Shickshinny, PA 18655