

(4)

TEXAS UTILITIES GENERATING COMPANY

SEAWAY TOWER • 400 NORTH OLIVE STREET, L.B. #1 • DALLAS, TEXAS 75201

March 29, 1984

Drs. L. R. Abramson and D. Lurie
Applied Statistics Branch
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Doctors:

Attached please find a complete copy of the information you requested regarding the results of the protective coatings backfit inspection program. All estimates are conservative, i.e., they have been estimated in such a manner as to result in a larger amount of coatings on the exempt log than necessary.

If you have any questions, I may be contacted at (817) 897-2981, Ext. 327 or (214) 979-8865.


L. M. Bielfeldt
Quality Engineering Supervisor

LMB/bll
Attachment

8511050295 851016
PDR FOIA
GARDE85-59 PDR

FURTHER DATA REQUIREMENTS
FOR ANALYSIS OF PROTECTIVE COATING
BACKFIT INSPECTION PROGRAM

I. Concrete (Units 1 and 2)

A. Total size (estimate): 570,000 sq. ft.

B. Total # adhesion tests: 2822

C. Total # adhesion test failures: 1

D. Total # recorded dft readings: 11,000

E. Total # recorded dft readings failed: 122

F. Evaluation of size of defective areas: see Attachment A

*G. Total 3 test areas w/both adhesion & dft failures: Not available

II. Steel Liner (Units 1 and 2)

A. Total size (estimate): 290,000 sq. ft.

B. Total # adhesion tests: 1622

C. Total # adhesion test failures: 6

D. Total # recorded dft readings: 6680

E. Total # recorded dft readings failed: 137

F. Evaluation of size of defective areas: see Attachment A

*G. Total # test areas w/both adhesion & dft failures: Not available

III. Miscellaneous Steel : Pipe Supports (Unit 1)

A. Average size (estimate): 15 sq. ft.

B. Total # items in backfit scope (estimate): 4520

C. Total # items tested (in sample): 230

D. Total # items with adhesion failure(s) only: 5

* optional

E. Total # items with dft failure(s) only: 17

F. Total # items with adhesion and dft failures: 0

failed 1

IV. Miscellaneous Steel : Cable Tray Supports (Unit 1)

A. Average size (estimate): 11 sq. ft.

B. Total # items in backfit scope (estimate): 755

C. Total # items tested (in sample): 297

*755
258
497*

D. Total # items with adhesion failure(s) only: 2

E. Total # items with dft failure(s) only: 34

dft failed 45/45

F. Total # items with adhesion and dft failures: 1

V. Miscellaneous Steel : Conduit Supports (Unit 1)

A. Average size (estimate): 8 sq. ft.

B. Total # items in backfit scope (estimate): 4812

C. Total # items tested: 225

*4812
4587
225*

D. Total # items with adhesion failure(s) only: 1

E. Total # items with dft failure(s) only: 10

failed 95/95

F. Total # items with adhesion and dft failures: 0

VI. Miscellaneous Steel : Other (Unit 1)

A. Average size (estimate): Not available. Total estimated area = 46,670 sq. ft.

B. Total # items in backfit scope (estimate): Not available

C. Total # items tested: 765

D. Total # items with adhesion failure(s) only: 9

0118 - 118

E. Total # items with dft failure(s) only: 65

failed 1

F. Total # items with adhesion and dft failures: 2

⑤

ATTACHMENT A

I. Concrete

- F. The adhesion failure was isolated to an area of 400 square feet.

The dft failures were isolated to total areas of 2201 sq. ft. for low millage and 141 sq. ft. for high millage.

II. Steel Liner

- F. The adhesion failures were isolated to a total area of 24 square feet.

The dft failures were isolated to total areas of 1316 sq. ft. for low millage and 1139 sq. ft. for high millage.

*Not valid area for adhesion failure
in areas of original sat. test. data being
not valid.*