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FACIL:50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
AUTH.NAME AUTHOR AFFILIATION
UHRIG,R.E. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

SUBJECT: Forwards facility steam generator insp program planned for Nov 1980.

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OCT 27 1980

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FLORIDA POWER & LIGHT COMPANY

October 20, 1980
L-80-345

Office of Nuclear Reactor Regulation
Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: Turkey Point Unit 4
Docket No. 50-251
Steam Generator Inspection Program

Attached for your information is a copy of the Turkey Point 4 Steam Generator Inspection Program. This inspection is planned for November, 1980.

Very truly yours,

J A DeMasley
for

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/MAS/pah

Attachment

cc: Mr. James P. O'Reilly, Region II
Harold F. Reis, Esquire

A001 S 3/3

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PEOPLE . . . SERVING PEOPLE

TURKEY POINT UNIT NO. 4
STEAM GENERATOR INSPECTION PROGRAM
PLANNED FOR NOVEMBER 1980

1. Eddy Current testing of U-bends is planned as follows:

   a. Steam Generator C, rows 2-5, columns 1-92; unplugged tubes will be tested at 100 KHZ using beaded flex 0.540 probe.

   b. Any tube(s) which give indication at 100 KHZ will be reprobed using 400 KHZ.

2. Hot leg tube gauging will be conducted on all three steam generators utilizing three different sized eddy current probes (.540 in., .610 in., and .650 in. diameters). The unshaded areas on the attached tube maps identify the tubes to be probed.

3. Cold leg tube gauging will be conducted on all three steam generators utilizing two different sized eddy current probes (.540 in., and .610 in.). The blocked area on the attached tube map indicates the extent of the cold leg gauging.

4. Handhole inspections using TV and/or photographs will be used to inspect the flow slots and determine the extent of hourglassing on the #1 tube support plates in Steam Generators A, B, and C.

5. A Reg. Guide 1.83 inspection will be performed.

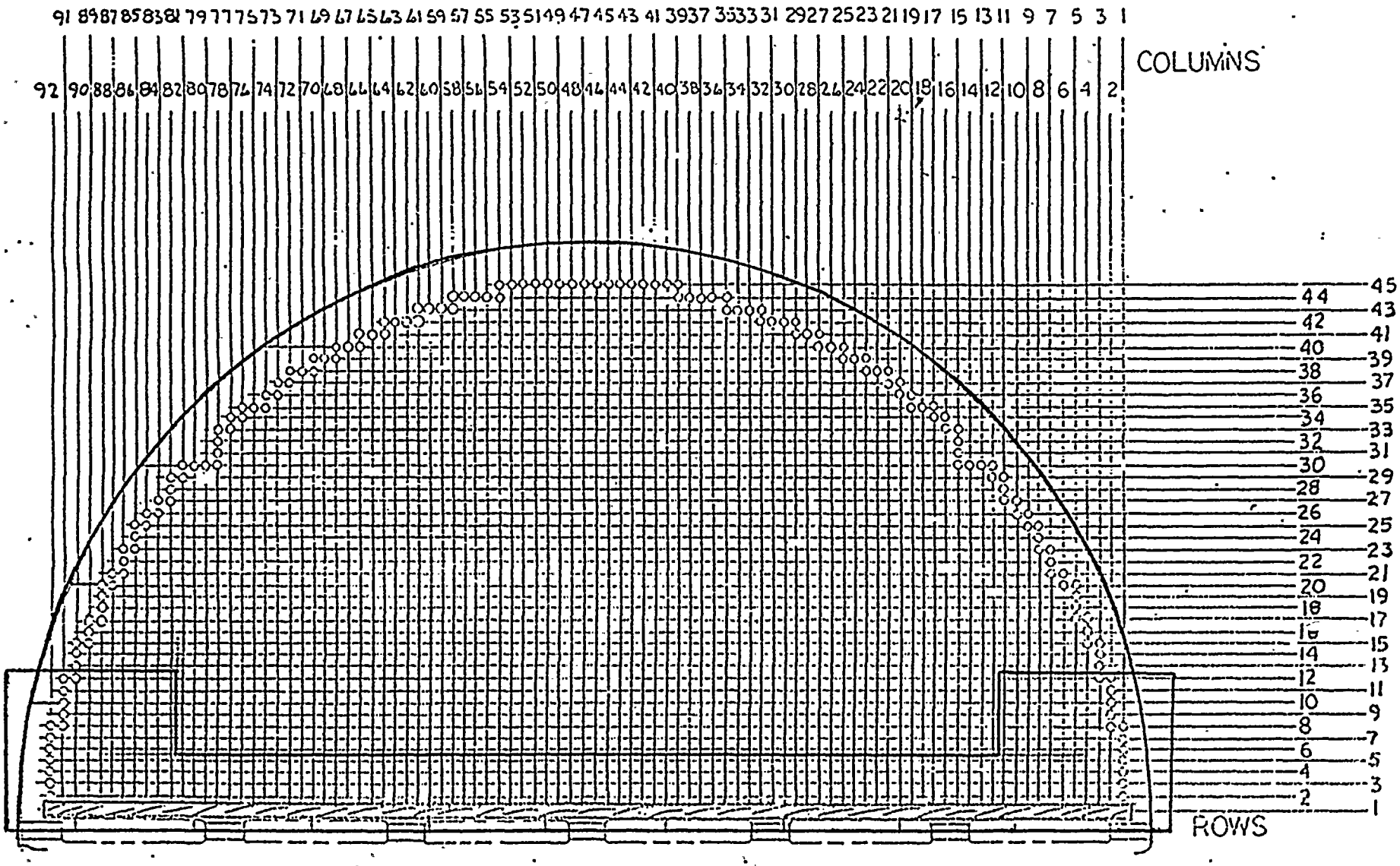
6. Preventive plugging will be based upon the inspection results.

TURKEY POINT UNIT 4

SERIES 44

COLD LEG GAUGING PATTERN

STEAM GENERATORS A, B & C



Blocked area indicates area of tubes to be gauged at 400 kHz using .610 and .540 probes through top support

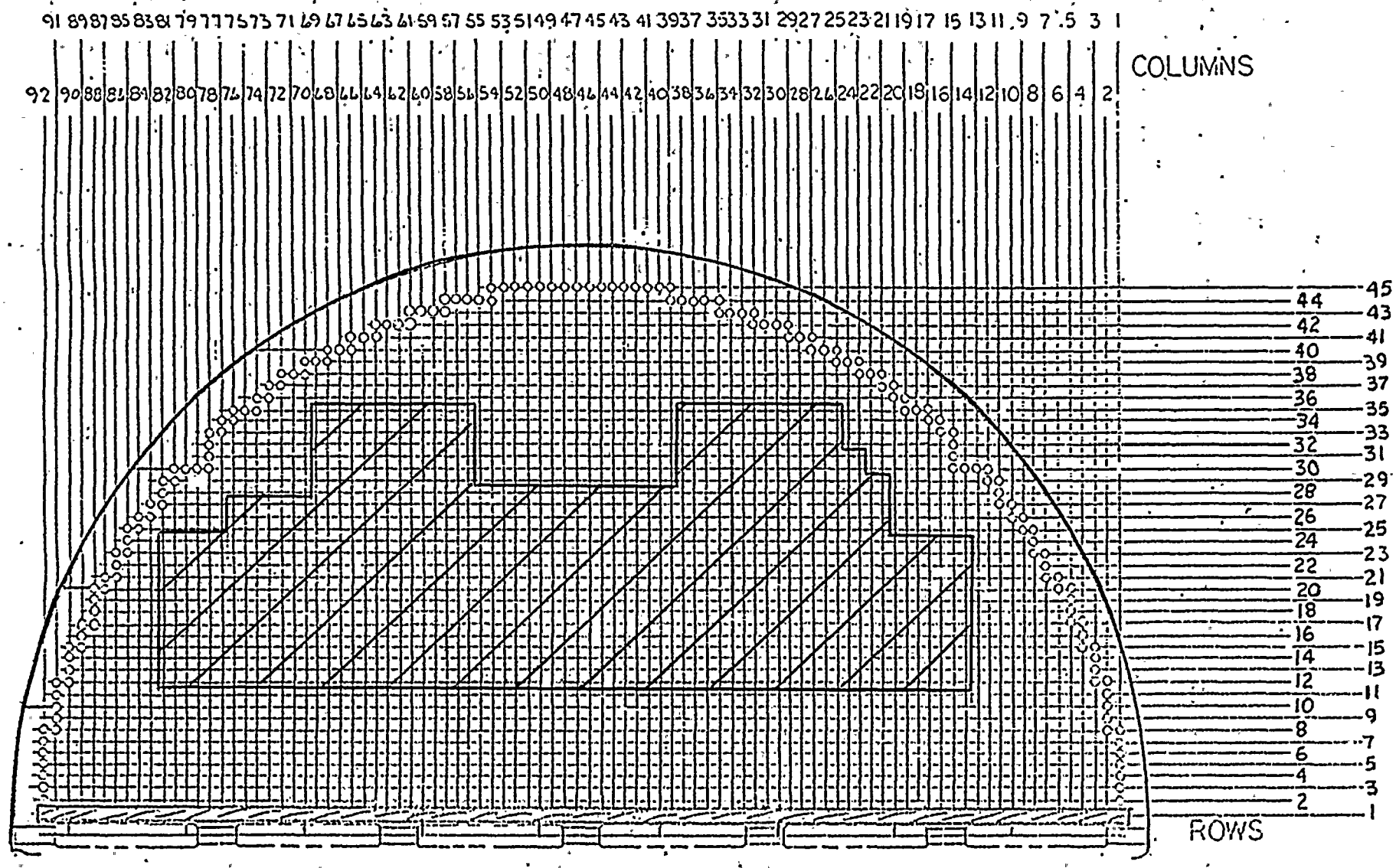
NOVEMBER 1980

TURKEY POINT UNIT 4

HOT LEG GAUGING PATTERN

STEAM GENERATORS A & C

SERIES 44



Area not shaded indicates extent of gauging at 400 kHz using .650, .610 and .540 probes through top support

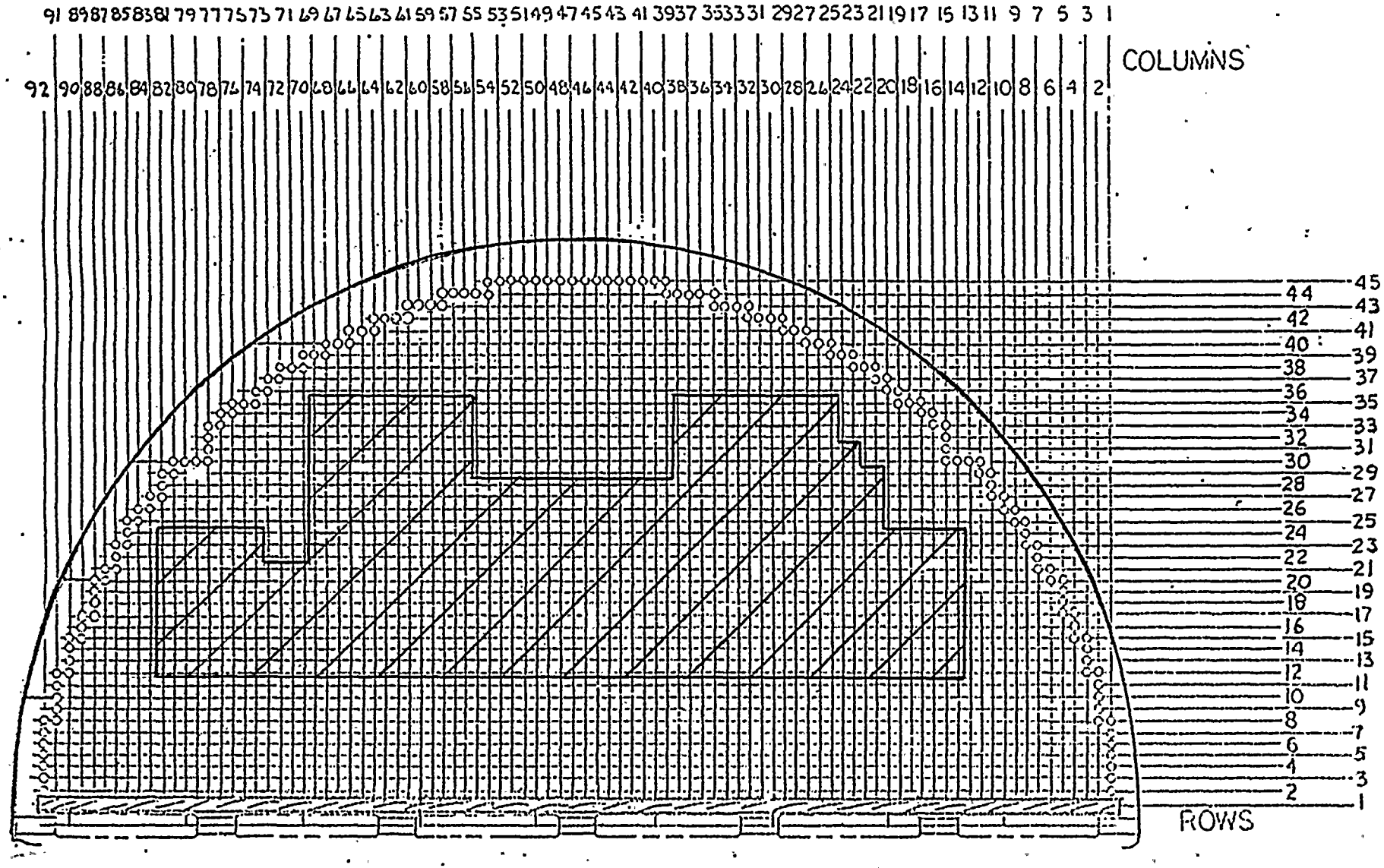
NOVEMBER 1980

TURKEY POINT UNIT 4

HOT LEG GAUGING PATTERN

STEAM GENERATOR - B

SERIES 44
FL - B



Area not shaded indicates extent of gauging at 400 kHz using .650, .610 and .540 probes through top support

NOVEMBER 1980