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FACIL:50-251 TURKEY POINT PLANT, UNIT 4, FLORIDA POWER AND LIGHT C 05000251
AUTH.NAME AUTHOR AFFILIATION
O'REILLY,J.P. FLORIDA POWER & LIGHT CO.
RECIP.NAME RECIPIENT AFFILIATION
STELLO,V. DIVISION OF OPERATING REACTORS

SUBJECT: FORWARDS STEAM GENERATOR INSP PROGRAM FOR INSP IN APR 1979.

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FLORIDA POWER & LIGHT COMPANY

March 9, 1979
L-79-57

Office of Nuclear Reactor Regulation
Attention: Mr. Victor Stello, Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Stello:

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

Attached for your information is a copy of the Turkey Point Unit No. 4 Steam Generator Inspection Program. This inspection is planned for April, 1979.

Very truly yours,

Robert E. Uhrig

Robert E. Uhrig
Vice President

REU/RJA/paf

Attachment

cc: Mr. James P. O'Reilly
Robert Lowenstein, Esquire

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S
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7903160207

TURKEY POINT UNIT NO. 4
STEAM GENERATOR INSPECTION PROGRAM
PLANNED FOR APRIL, 1979

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

   a) Steam Generator A, 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 hot leg gauging pattern map identify the tubes to be probed.

3. Cold leg tube guaging 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 cold leg gauging pattern map indicates the extent of the cold leg gauging.

4. Wrapper to shell annulus measurements will be made on Steam Generator B.

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

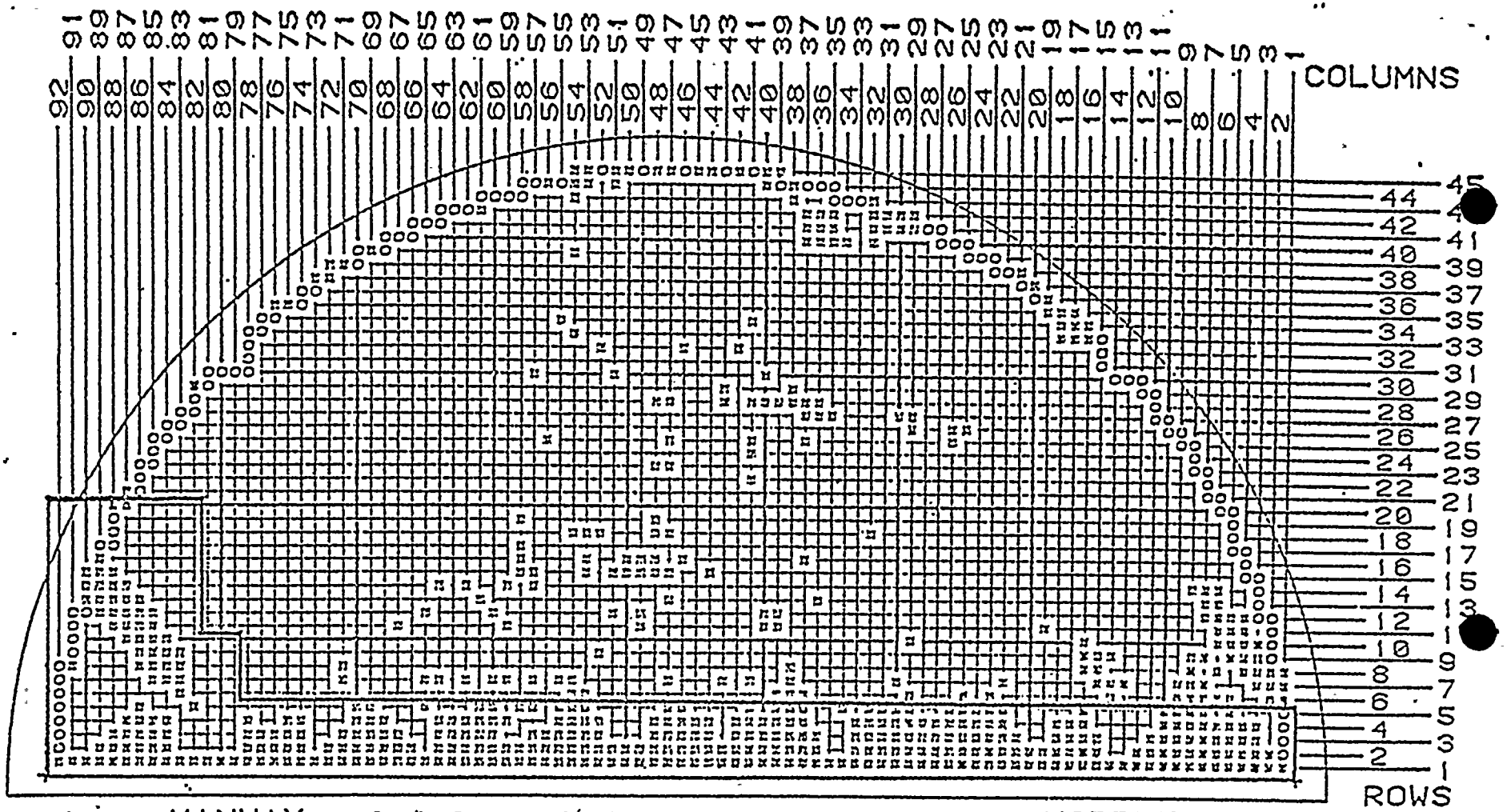
6. A Reg. Guide 1.83 inspection will be performed.

7. Preventive plugging based upon the inspection results.

NOTE: A visual inspection (miniature TV Camera system) of the reactor vessel lower internals is planned during this outage. This inspection will attempt to locate and retrieve a loose object believed to be in the vessel per past indications by the MIMS (Metal Impact Monitoring System).

SERIES 44

TURKEY POINT UNIT 4
COLD LEG GAUGING PATTERN

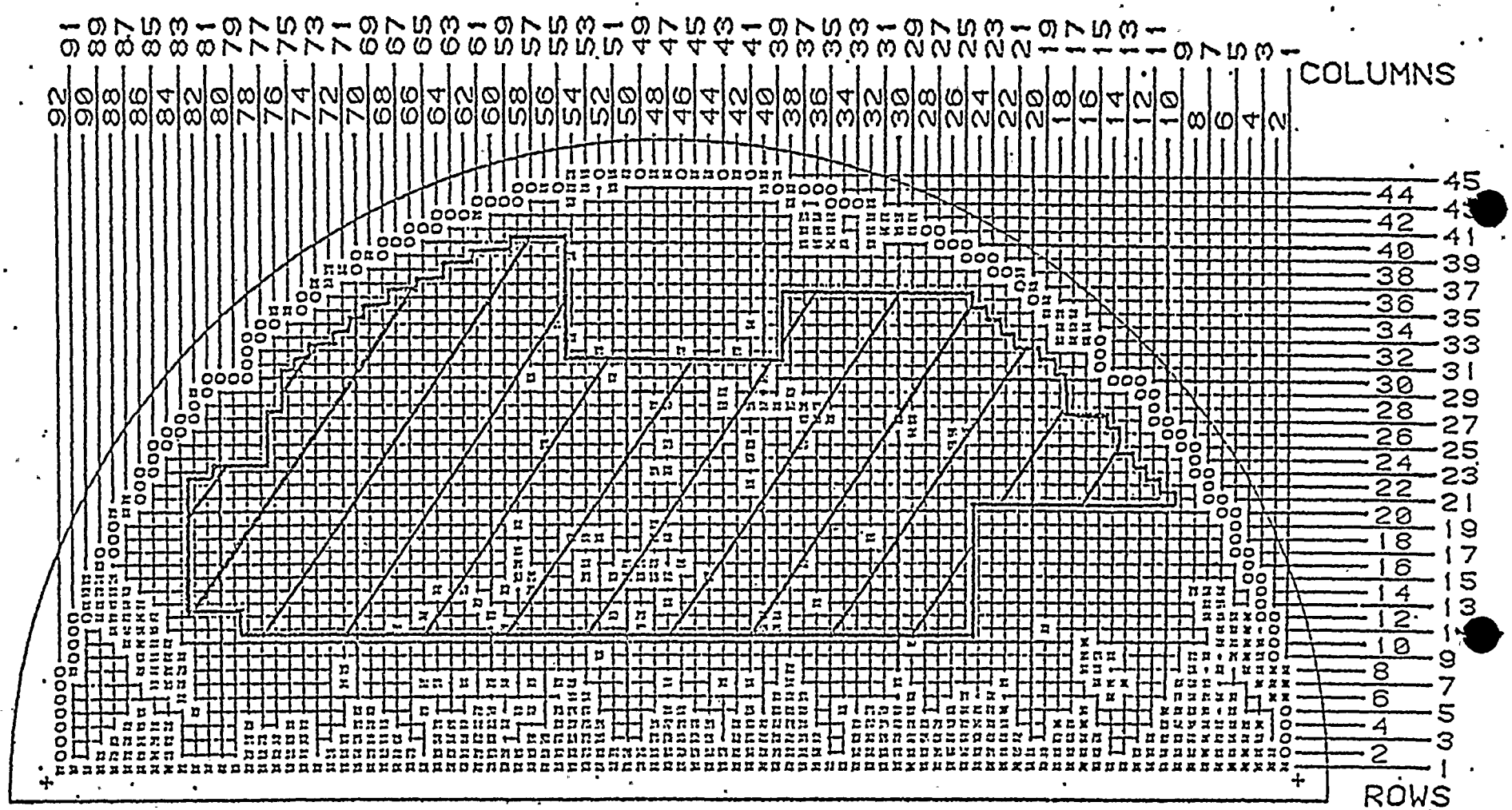


Blocked area indicates area of tubes to be gauged at 400 KHz using .610 and .540 probes through top support

APRIL 1979

SERIES 44

TURKEY POINT UNIT 4
HOT LEG GAUGING PATTERN



← --- MANWAY

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

NOZZLE --- →

APRIL 1979