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L. T. Gucwa
Manager Nuclear Engineering
and Chief Nuclear Engineer



NED-84-553

December 20, 1984

Director of Nuclear Reactor Regulation
Attention: Mr. John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NPC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
EDWIN I. HATCH NUCLEAR PLANT UNITS 1, 2
REVISION OF INTERIM COMPENSATION FOR SCHEDULAR
EXTENSION FOR NON-OUTAGE RELATED APPENDIX R MODIFICATIONS

Gentlemen:

In letter NED-84-518 dated October 2, 1984, Georgia Power Company (GPC) proposed a roving fire watch as compensation for an extension in the implementation schedule of Appendix R modifications for four areas of Plant Hatch. Specifically, these areas are:

- o Unit 1 Reactor Building North of Column Line R7 on elevations 130' and 158'
- o Unit 2 Control Building Health Physics Area
- o Unit 2 Reactor Building North of Column Line R19 on elevation 158'
- o Control Building Common Corridor

The watch, as proposed, would have toured these four areas at least once per every thirty minutes. In the judgement of the NRC staff, reported to GPC in a conversation with the NRC Licensing Project Manager for Plant Hatch, the proposed tour frequency would not provide adequate assurance of fire detection and suppression despite the other items of mitigation cited by our letter. In the judgement of the NRC staff, an inspection of the four areas

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Page Two


every twenty minutes would provide sufficient compensation and justification for a schedule extension. Although such an increased frequency will have adverse impact on personnel exposure and resource expenditure, GPC can find no other practical method of meeting the informal guidance established by the NRC staff for the granting of schedular exemptions. Therefore, GPC hereby proposes to establish by January 15, 1985, a roving fire watch whose patrol path will pass through the four areas in question, including the Unit 1 Reactor Building "South of Column Line R-7" on the 130' elevation, at least once every twenty minutes. Upon completion of the installation of a fire protection feature, such as a sprinkler system, which complies with the NRC guidance for interim compensatory measures for a specific area, the fire watch will be discontinued in that particular area. Attached are figures outlining the general path to be followed. The specific sequence of area coverage may vary, but each area will be inspected at an interval not greater than twenty minutes.

With the establishment of the proposed roving fire watch, the wrapping of conduits in the Unit 1 Reactor Building South Column Line R-7 (paragraph 4.1.6, page 3, Enclosure 1 to GPC letter NED-84-444 dated September 4, 1984) proposed in our earlier letter is no longer necessary. That proposed mitigating action will not be taken and is hereby withdrawn from our September 4, 1984 proposal submitted for your consideration.

With the submittal of this specific information concerning compensatory measures for those non-outage-related Appendix R modifications that cannot be completed in the time frame allowed by 10 CFR 50.48, GPC requests that our proposed schedular exemption be granted by NRC. The staffs of GPC and its consultants are available for additional discussion of these interim compensatory measures should the NRC so desire.

Should you have any questions in this regard, please contact this office.

Sincerely yours,

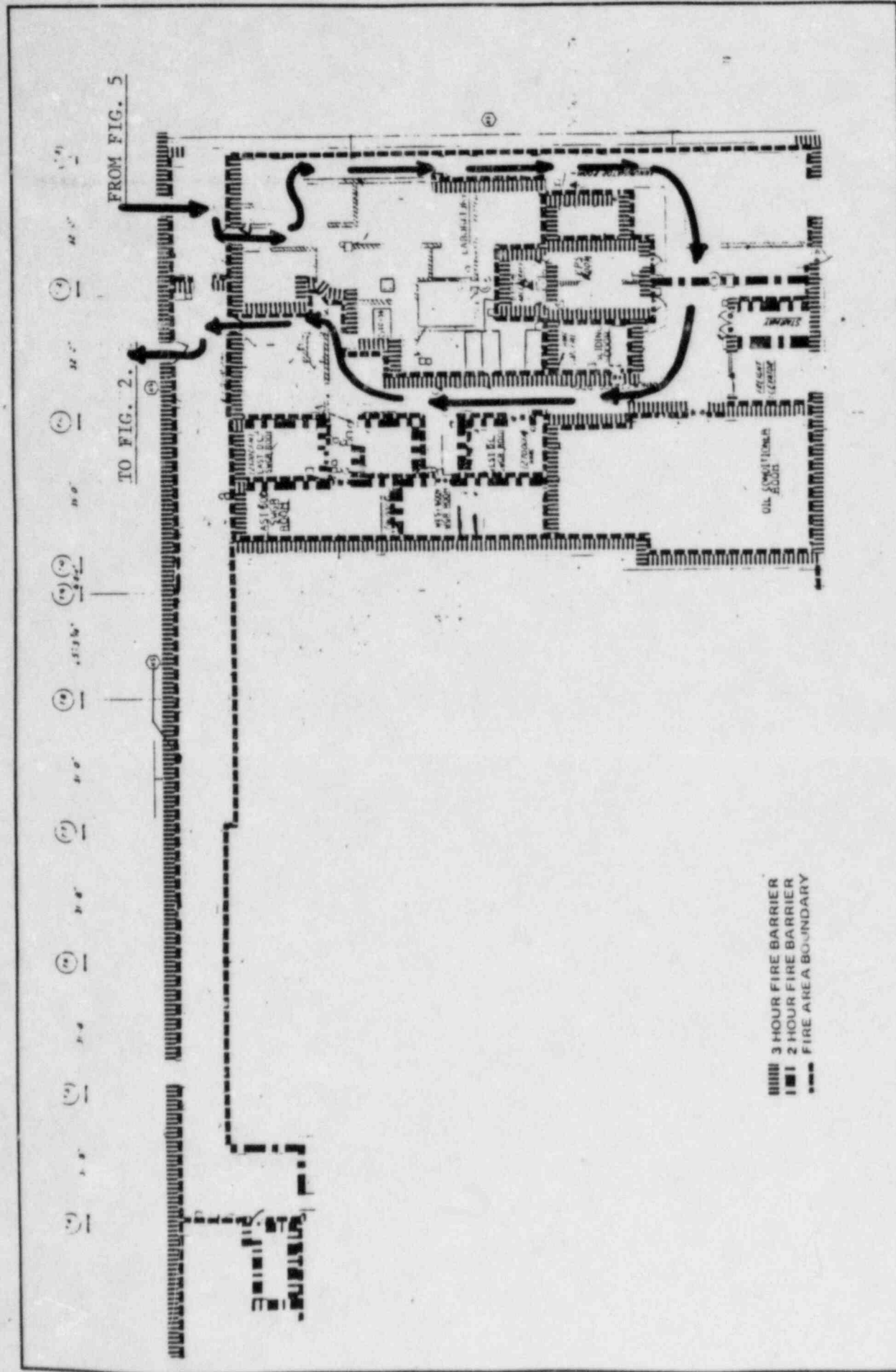


L. T. Gucwa

WEB/mb

Enclosure

xc: J. T. Beckham, Jr.
H. C. Nix, Jr.
J. P. O'Reilly (NRC- Region II)
Senior Resident Inspector

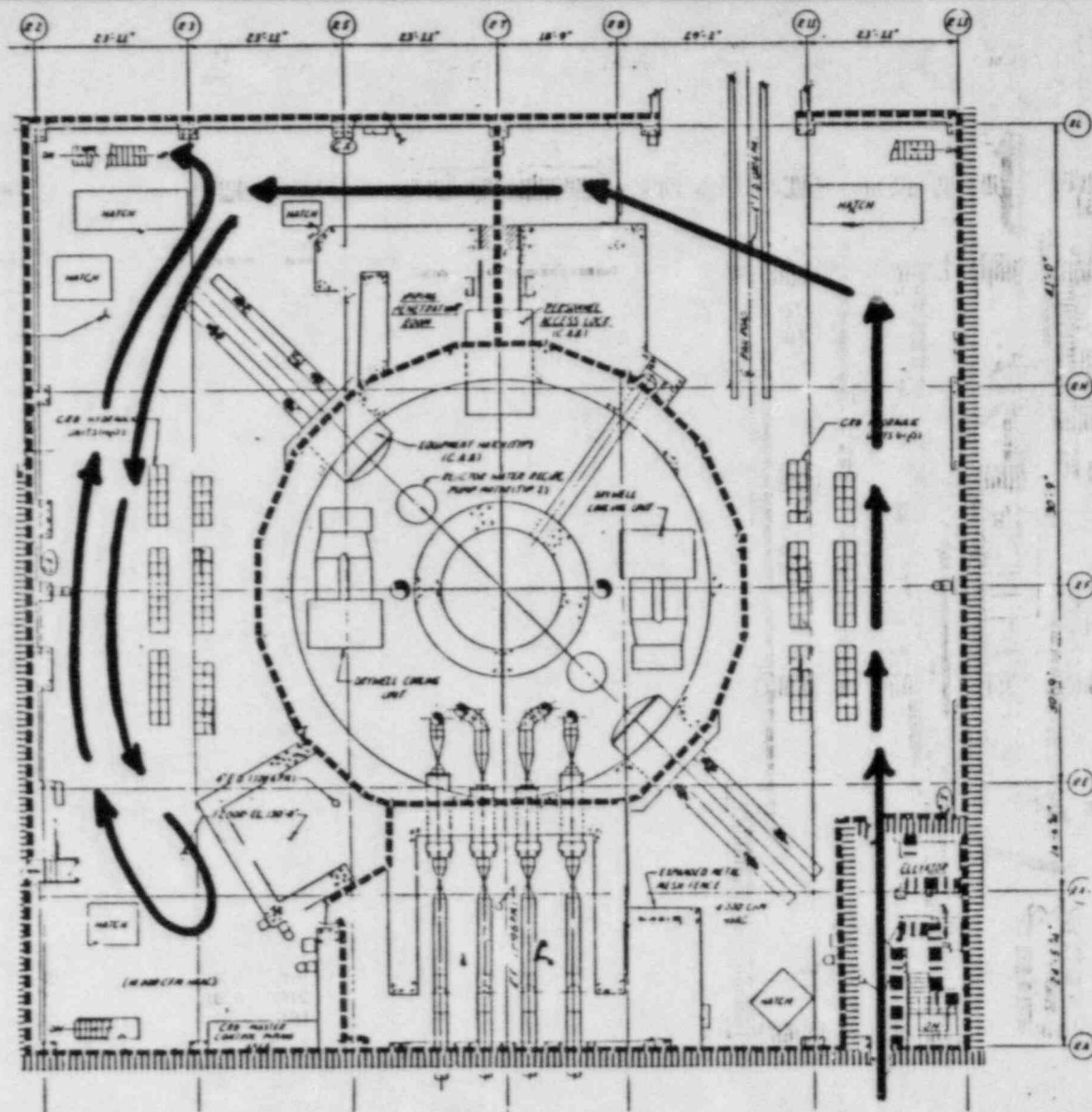


EDWIN I. HATCH
NUCLEAR PLANT
UNIT 1 AND UNIT 2

UNIT 1 TURBINE AND CONTROL BUILDING
PLAN EL 130 ft 0 in.




FIGURE 1

TO FIG. 3



FROM FIG. 1

FOR NOTES & SIGNATURES SEE PAGE 2

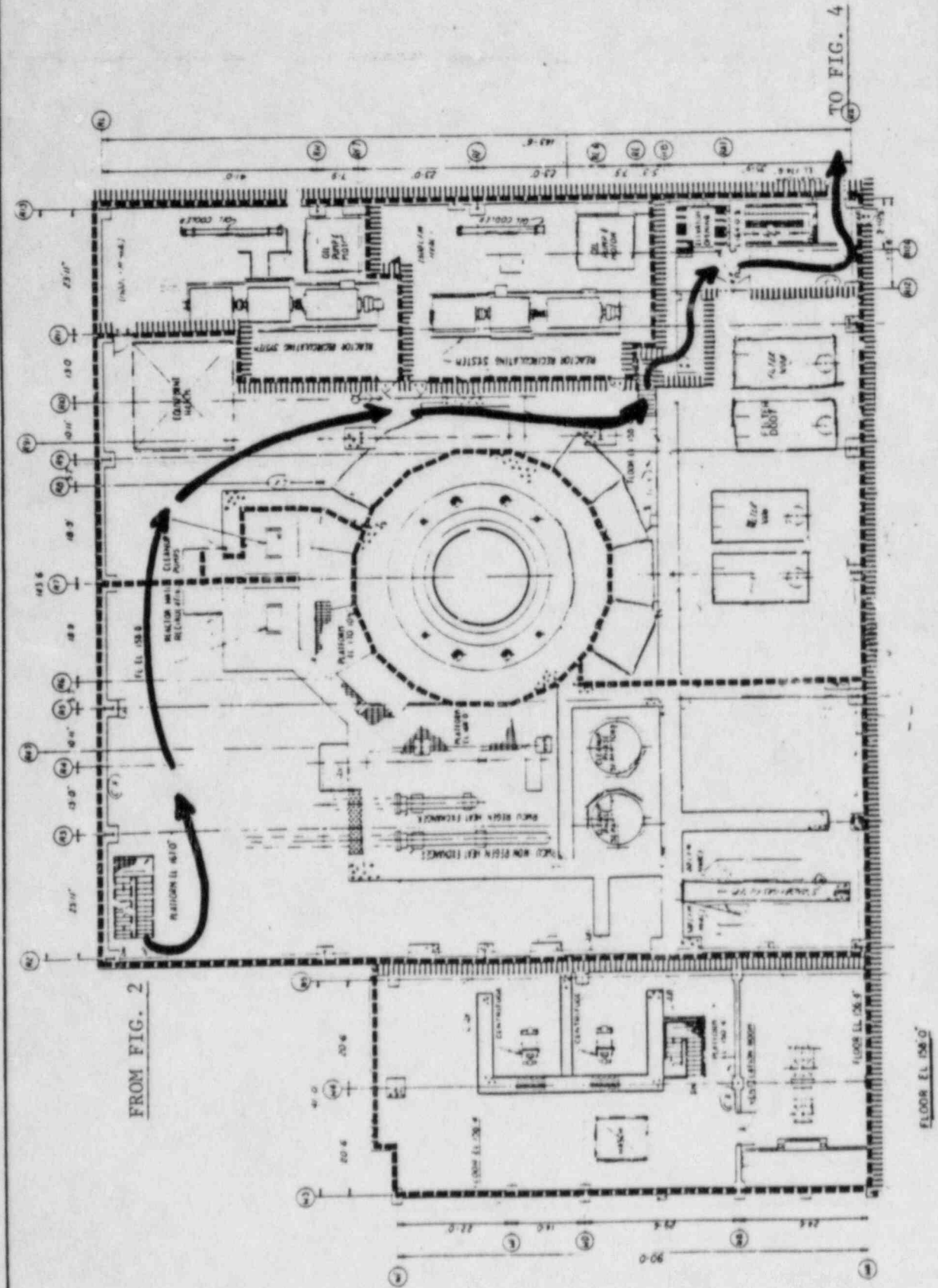
 3 HOUR FIRE BARRIER
 2 HOUR FIRE BARRIER
 FIRE AREA BOUNDARY

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EDWIN I. HATCH
NUCLEAR PLANT
UNIT 1 AND UNIT 2

UNIT 1 REACTOR BUILDING
AT EL 130 ft 0 in.

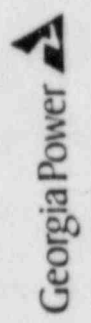
FIGURE 2



UNIT 1 REACTOR BUILDING PLAN
EL 158 ft 0 in.

FIGURE 3

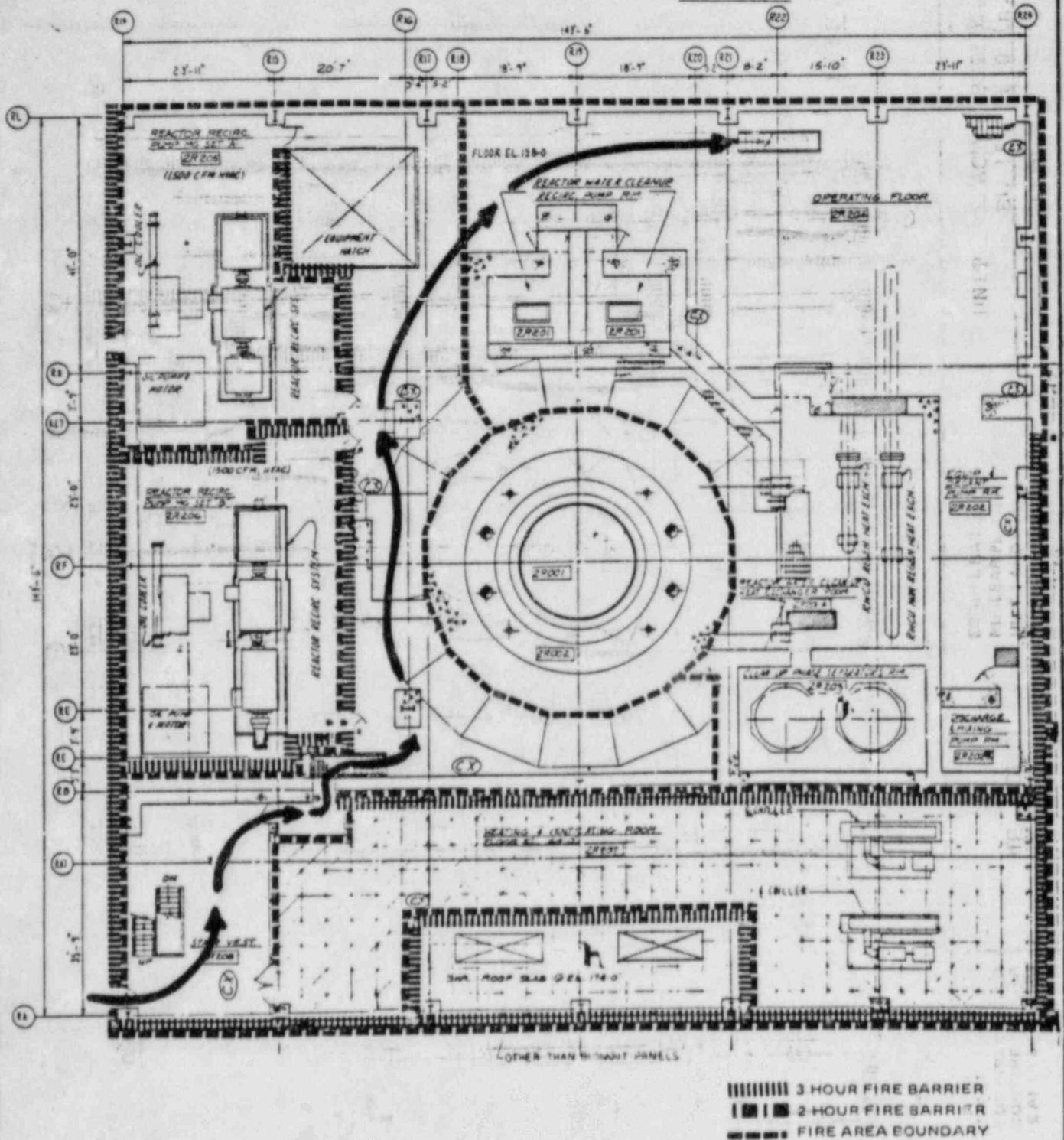
EDWIN I. HATCH
NUCLEAR PLANT
UNIT 1 AND UNIT 2



3 HOUR FIRE BARRIER
2 HOUR FIRE BARRIER
FIRE AREA BOUNDARY

ASAP 10/12/84 4:00PM 1 SET 1/4" = 1'

TO FIG. 5



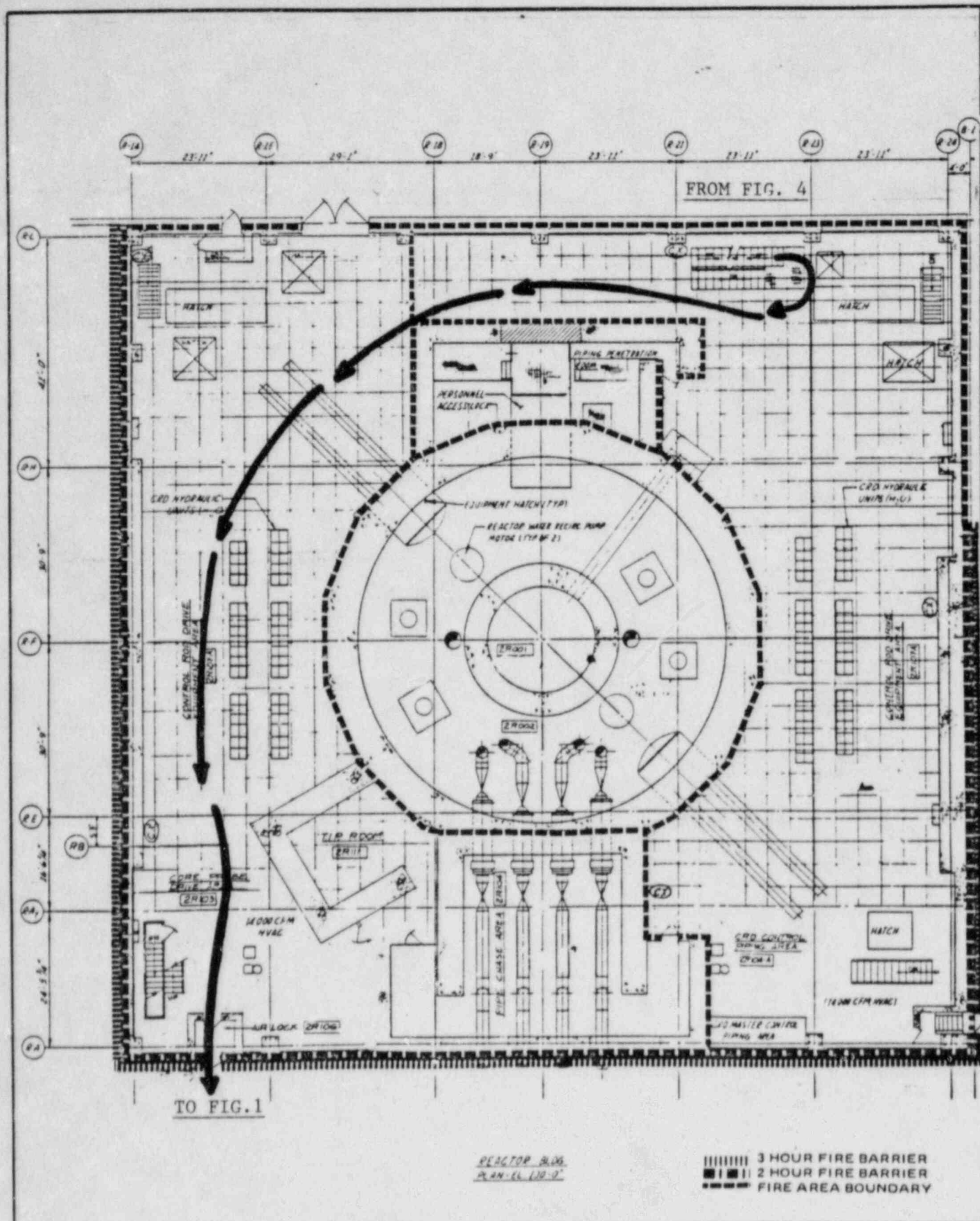
FROM
FIG. 3

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EDWIN I. HATCH
NUCLEAR PLANT
UNIT 1 AND UNIT 2

UNIT 2 REACTOR BUILDING PLAN
EL 158 ft 0 in.

FIGURE 4



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EDWIN I. HATCH
NUCLEAR PLANT
UNIT 1 AND UNIT 2

UNIT 2 REACTOR BUILDING
AT EL 130 ft 0 in.

FIGURE 5