

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8610300392 DDC DATE: 86/10/27 NOTARIZED: NO DOCKET #
 FACIL: 50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
 AUTH. NAME AUTHOR AFFILIATION
 KOBER, R. W. Rochester Gas & Electric Corp.
 RECIP. NAME RECIPIENT AFFILIATION
 LEAR, G. E. PWR Project Directorate 1

SUBJECT: Submits requested addl info re isolation devices used in conjunction w/SPDS. Foxboro Model M66B current repeaters are isolation devices used for reactor protection sys & ESFAS inputs to SPDS.

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 TITLE: OR/Licensing Submittal: Suppl 1 to NUREG-0737(Generic Ltr 82-33)

NOTES: License Exp date in accordance with 10CFR2.2.109(9/19/72). 05000244

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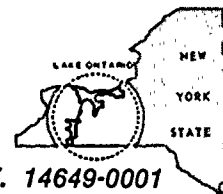
1. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of California:

2. The total area of land owned by the United States in the State of California is approximately 100,000,000 acres.

3. The following table shows the distribution of land ownership in the State of California:

4. The following table shows the distribution of land ownership in the State of California:

Category	Area (Acres)	Percentage (%)
Public Land	100,000,000	100
Private Land	10,000,000	10
State Land	1,000,000	1
County Land	100,000	0.1
City Land	10,000	0.01
Indian Land	1,000,000	1
Other Land	100,000	0.1



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October 27, 1986

Director of Nuclear Reactor Regulation
Attention: Mr. George E. Lear, Chief
PWR Project Directorate No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Safety Parameter Display System Isolation
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Lear:

An RG&E letter dated May 23, 1986 provided information concerning isolation devices used in conjunction with the Safety Parameter Display System (SPDS). That information has been discussed on several occasions by RG&E personnel and NRC reviewers leading to a request for the additional information provided below.

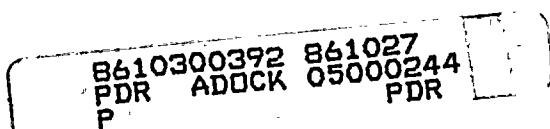
The isolation devices used for Reactor Protection System (RPS) and Engineered Safety Features Actuation System inputs to the SPDS system are Foxboro Model M66B current repeaters. Voltage withstand tests on these isolators are documented in WCAP 7685-A. The voltages applied to the output terminals during these tests include 10, 80, 130 and 250 volts d-c (both polarities); and 115 and 480 volts a-c.

The SPDS multiplexers at which the outputs are terminated, have 120 volt a-c power inputs as described in our previous submittal. The power supplied internal to the multiplexers have a maximum output of 48 volts d-c. The tests referenced above, therefore, assure that the RPS and ESFAS isolation devices are not subject to stresses higher than their withstand capability by the new SPDS multiplexers.

Very truly yours,

Roger W. Kober

Roger W. Kober



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