

February 11, 1981

In reply, please
refer to LAC-7371

DOCKET NO. 50-409

Mr. James G. Keppler
Regional Director
U. S. Nuclear Regulatory Commission
Directorate of Regulatory Operations
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

SUBJECT: DAIRYLAND POWER COOPERATIVE
LA CROSSE BOILING WATER REACTOR (LACBWR)
PROVISIONAL OPERATING LICENSE NO. DPR-4
REPORTABLE OCCURRENCE NO. 81-01

- References:
- (1) LACBWR Technical Specifications,
Section 3.9.2.b.(2)
 - (2) LACBWR Technical Specifications,
Section 4.2.3.1.2.a
 - (3) LACBWR Technical Specifications,
Section 4.2.3.2.2
 - (4) DPC Letter, Linder to Keppler, LAC-7231,
(LER 80-09), dated November 28, 1980
 - (5) DPC Letter, Linder to Keppler, LAC-7230,
(LER 80-10), dated November 28, 1980
 - (6) DPC Letter, Linder to Keppler, LAC-6660,
dated November 27, 1979.

Dear Mr. Keppler:

In accordance with Reference 1, this report is notification of operation in a degraded mode permitted by a limiting condition for operation.

Reference (2) requires that the physically independent circuit between the off-site transmission network and the onsite power distribution system and at least one electrical feeder from 2400V bus 1A or 1B be operable during Operating Conditions 3, 4, and 5. Reference (3) requires that specified AC electrical buses be operable and energized from sources of power other than a diesel generator, but aligned to an operable diesel generator.

Mr. James G. Keppler, Regional Director
U. S. Nuclear Regulatory Commission

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On January 16, 1981 for a period of approximately two hours, the physically independent circuit between the offsite transmission network and the onsite power distribution system was disconnected to perform maintenance on the main transformer air break switch 25NA1. Prior to disconnecting this circuit, both emergency diesel generators were started and vital buses were transferred to their emergency diesel feeds. The plant was in Operating Condition 3 at the time.

The action statements of References 2 and 3 were entered and complied with totally. Containment integrity existed and no operations were performed involving irradiated fuel handling, Core Alterations, positive reactivity changes or having any potential of draining the reactor vessel.

The off-site power circuit was disconnected from LACBWR for reasons of personnel safety. After the refueling outage, the main transformer air break switch 25NA1 would not close completely. The problem could not be resolved without close physical inspection of the switch. Therefore, the 69 KV line between the Genoa substation and the LACBWR switchyard was de-energized to protect personnel from the high voltage (see attached drawing). Maintenance personnel determined that ice had formed inside the switch rotating mechanism which prevented final engagement of the switch blades into contact joints. They melted the ice until the arms could be rotated freely and air break switch 25NA1 was then closed. When the switch blades are in the horizontal engaged position, moisture accumulation, which could result in formation of ice, is not a problem.

Off-site power was then restored to LACBWR and the AC buses were returned to their normal feeds.

A Licensee Event Report (Reference: Appendix A, Regulatory Guide 1.16, Revision 4) is enclosed.

The Licensee Event Report forms submitted in References 4 and 5 contained incorrect report dates. Corrected forms are enclosed in this letter.

In Reference 6, it was stated that the turbine governor hydraulic control system would be disassembled, thoroughly examined and overhauled during the spring 1980 refueling outage. Limited maintenance was performed on the system during spring 1980 outages. Afterwards, the system performed properly, therefore, it was decided not to disassemble it during the refueling outage, which was postponed to November 1980. Disassembly and thorough inspection is scheduled during the next refueling outage, when the five-year preventive maintenance program is due on the turbine.

Mr. James G. Keppler, Regional Director
U. S. Nuclear Regulatory Commission

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If you have any questions, please contact us.

Very truly yours,

DAIRYLAND POWER COOPERATIVE

Frank Linder, General Manager

FL:LSG:af

Enclosures

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

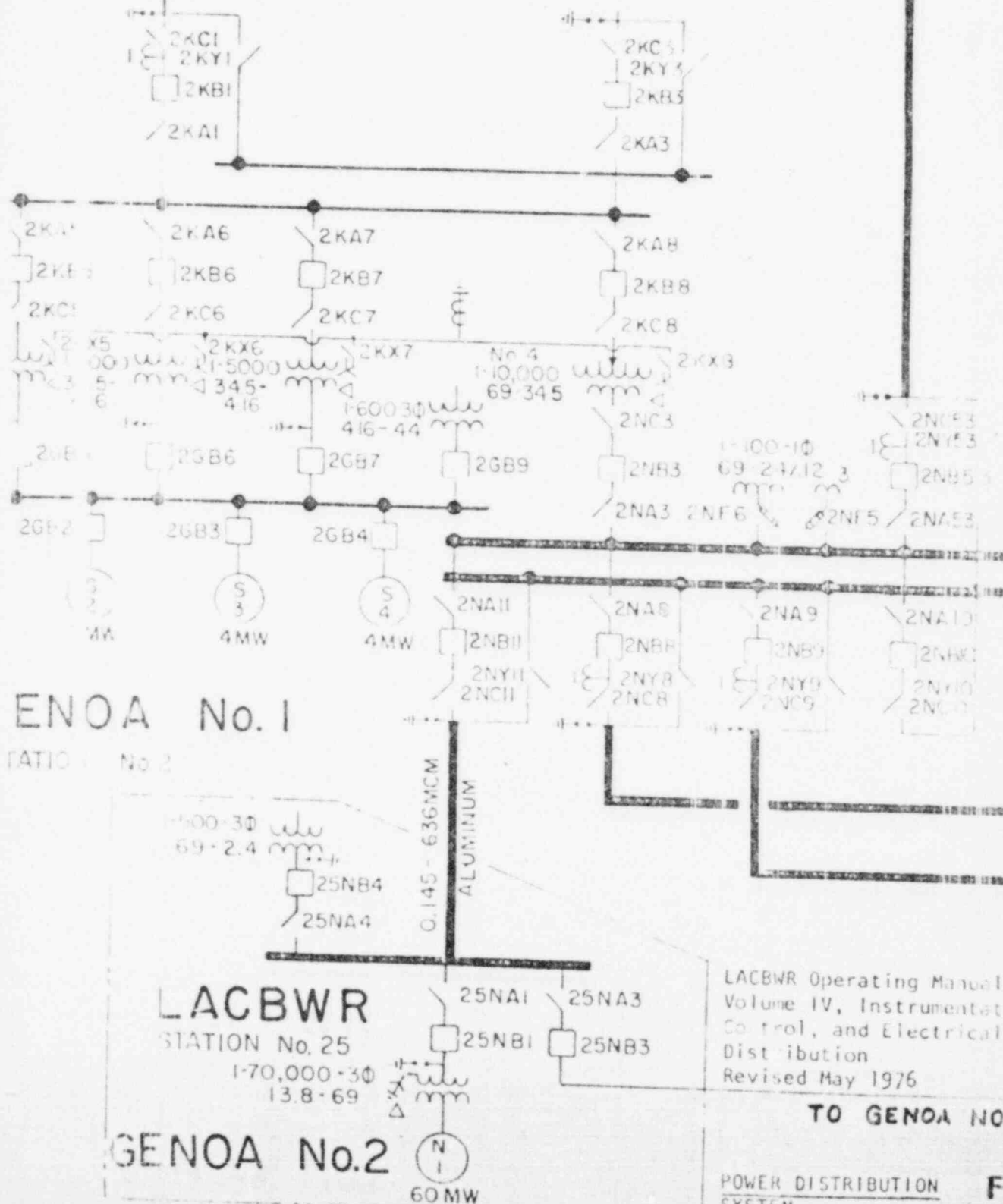
Director, Office of Management Information and (3)
Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC Resident Inspectors

POOR ORIGINAL

LINE - N53

OWNED BY: N.S.F.



449-410

LINE 202b

oval	Date
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$$\frac{12123110}{0.57 - 410}$$

LINE N6Db

$$300' - 41'$$

LACBWR Operating Manual
Volume IV, Instrumentation,
Control, and Electrical
Distribution
Revised May 1976

TO GENOA NO. 3

POWER DISTRIBUTION SYSTEM

FIG. 13.1

3.8.24