



**Consumers
Power
Company**

COPY

General Offices: 212 West Michigan Avenue, Jackson, Michigan 49201 • Area Code 517 788-0550

September 9, 1971

Dr. Peter A. Morris, Director
Division of Reactor Licensing
US Atomic Energy Commission
Washington, DC 20545

Re: Docket No 50-255
License No DPR-20

Dear Dr. Morris:

This letter is written to apprise you of a recent incident involving the emergency power supply at this facility.

At the time the incident occurred, the plant was in a cold shutdown condition with primary coolant system at refueling boron concentration and atmospheric pressure. The shutdown cooling system was in operation.

The 345 kV Argenta No 2 line tripped at 0706 on September 2, 1971. A breaker failure relay operation on the 27R8 air blast breaker tripped breakers 29H9 and 25R8, clearing the 'R' 345 kV bus and resulting in the loss of power to the start-up transformers. (Refer to attached Drawing E-501.) The main bank has not been routinely energized during the current low power operation resulting in a single source of off site power.

The emergency diesel generators both started and quickly achieved rated speed with the 1-1 unit properly closing in on the dead 2400 V bus and picking up load as designed. (Refer to attached Drawing E-1.) However, the 1-2 diesel generator unit failed to close in on the dead bus automatically until the operator turned the synchroscope plug in preparation for closing the breaker manually.

IS/9 BX Staff 10/7/71
RHE
LK
WST
UDT



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PDR ADDCK 05000255
S PDR

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Dr. Peter A. Morris
US Atomic Energy Commission
September 9, 1971

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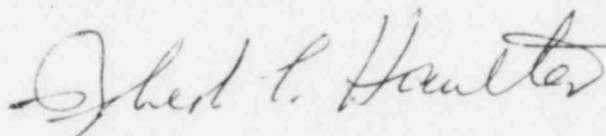
CAUSE OF INCIDENT

The cause of the loss of power to the station was determined to be a faulty breaker failure relay on the 27R8 breaker which caused the 'R' bus to be isolated. The exact cause of the diesel generator failure to close automatically on the dead bus is still under investigation at this time.

CORRECTIVE ACTION PLANNED

A review of the wiring scheme and actual installation is in progress to determine the exact mode of failure. Test operation under simulated loss of offsite power will be conducted to determine any deficiency and/or demonstrate the operability of the complete system.

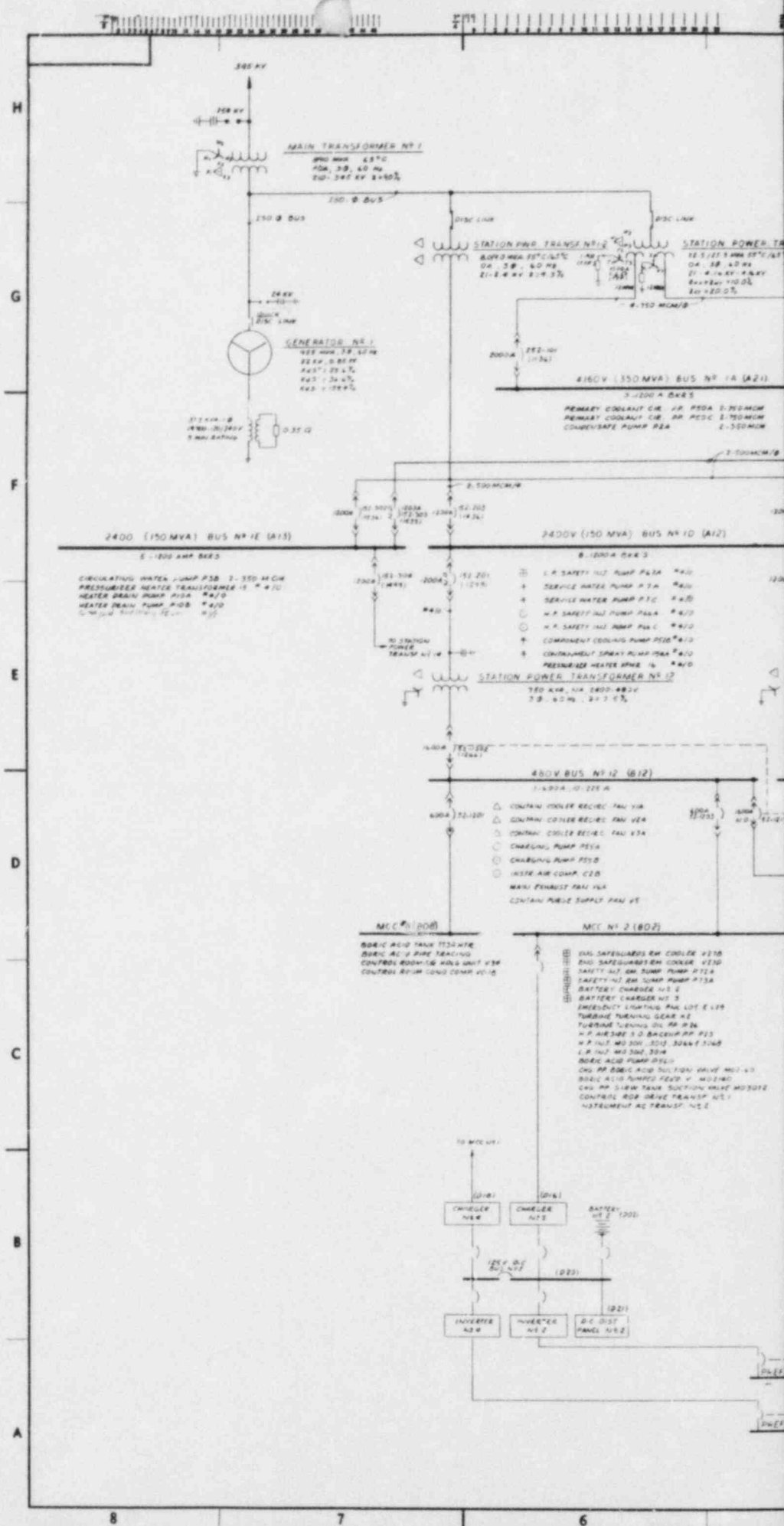
Yours very truly,

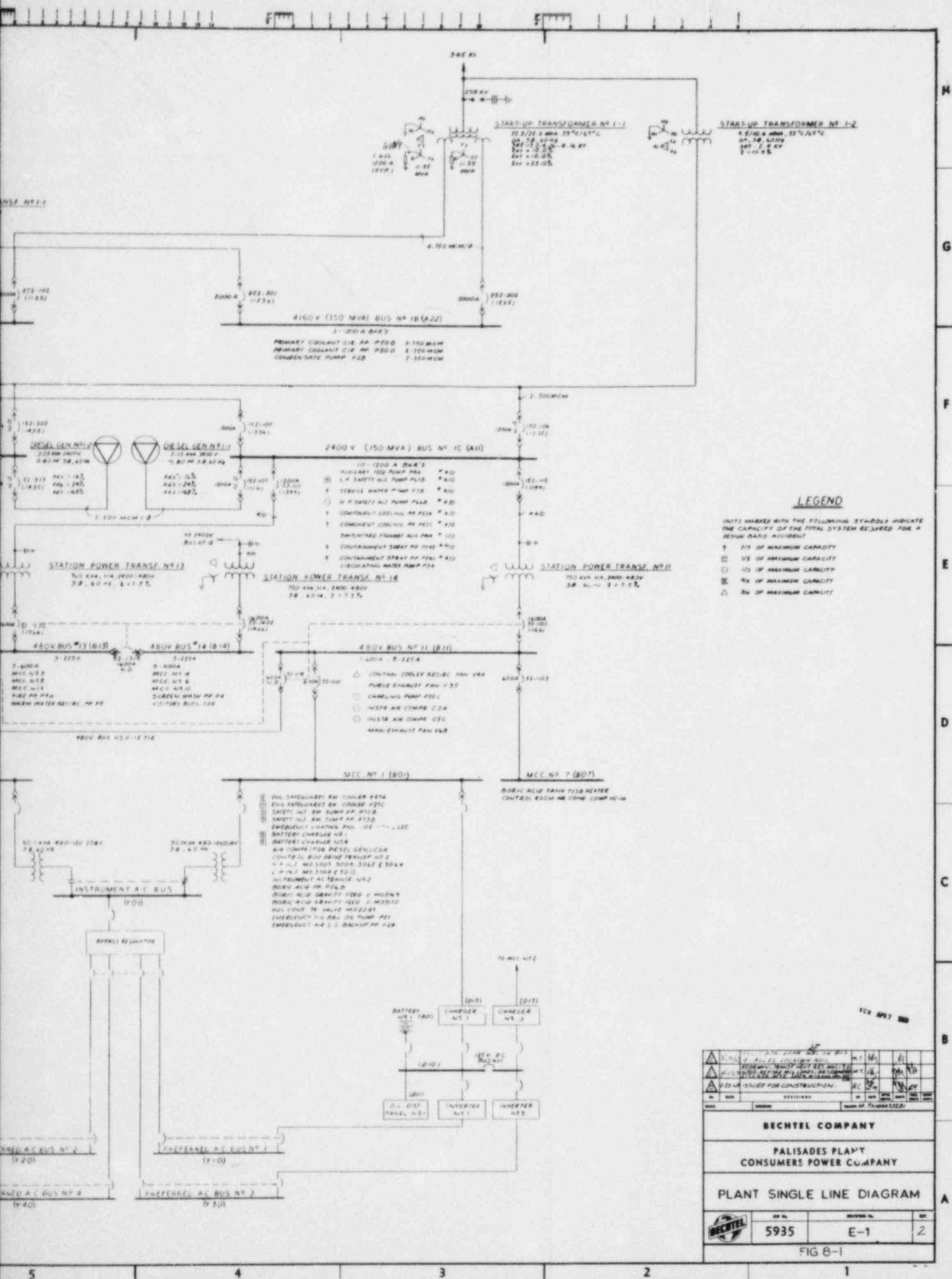


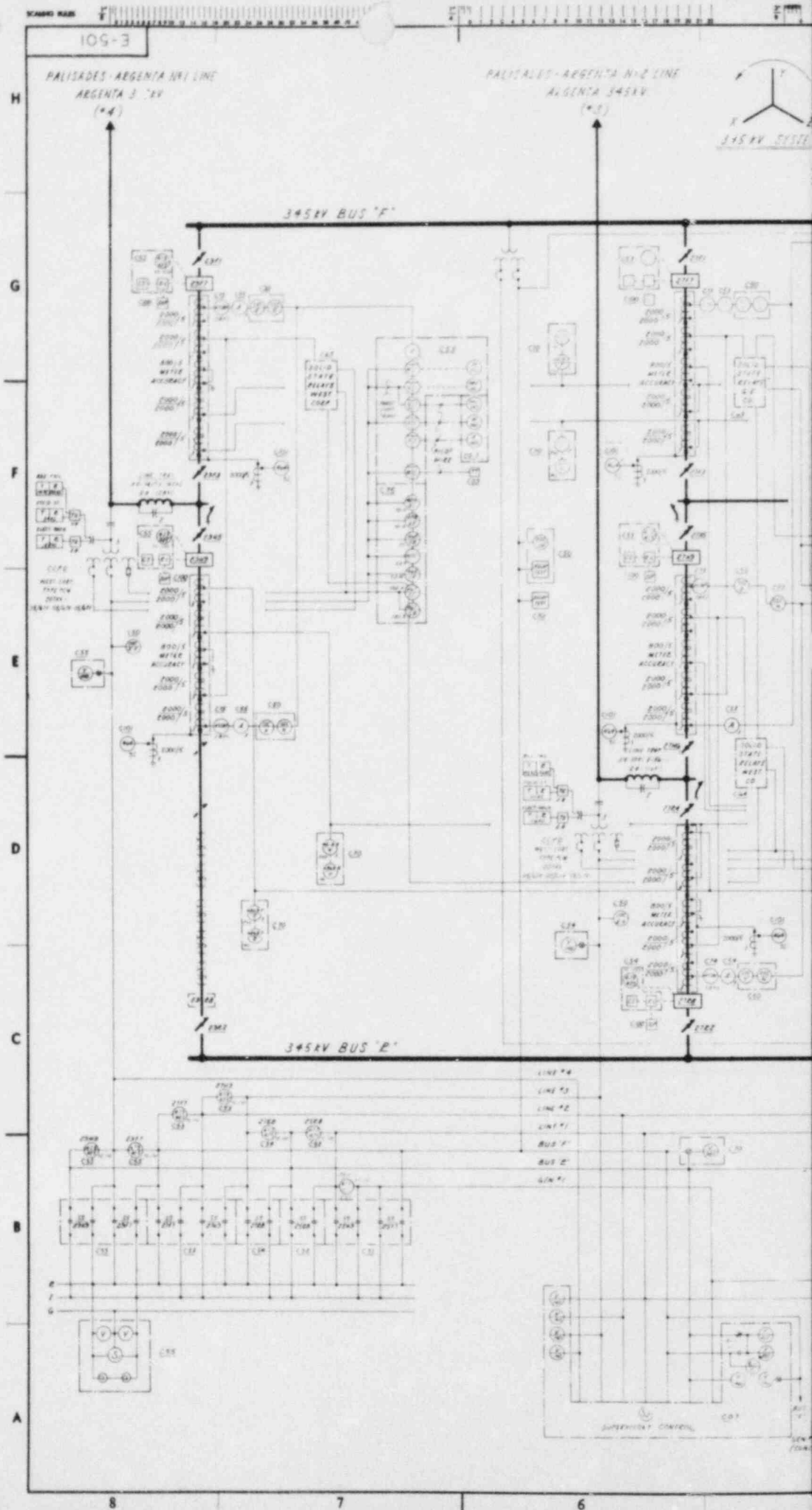
Robert L. Haueter
Electric Production
Superintendent - Nuclear

LMH/ERC/mho

CC: BHGrier
USAEC Compliance, COO






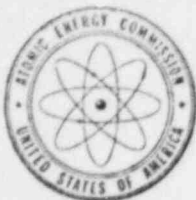




NO.	DATE	SUBJECT	BY	CHKD	DATE	BY	CHKD
1	10/10/70	PAID BY CASH AND RELAT CONSTRUCTION CORP.	JS				
2	10/10/70	ADDED COT. FREIGHT DEVICES	JS				
3	10/10/70	ADDED ELECTRO. MECH. PARTS AND TERMINALS	JS				
4	10/10/70	REMOVED BLOWING MACHINES	JS				
5	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				
6	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				
7	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				
8	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				
9	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				
10	10/10/70	ADDED 1000.00 TO 1000.00 ADDED 1000.00 TO 1000.00	JS				

SINGLE LINE DIAGRAM
METER & RELAY
345KV SWITCHYARD

	EN No.	MAINTENANCE No.	SP
	5935-1	E-501	7



UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

TELEPHONE
(312) 858-2660

September 2, 1971

J. G. Keppler, Chief, Reactor Testing and Operations Branch
Division of Compliance, Headquarters

CONSUMERS POWER COMPANY
LICENSE NOS. DPR-19 AND DPR-20
BIG ROCK POINT AND PALISADES
TERMINATION OF STRIKE

The attached inquiry report documents the termination of a strike
against Consumers Power Company which began on May 12, 1971.

The Big Rock Point facility is operating at about 70% of rated
power.

The Palisades facility is shut down with plans for intermittent
operation within the provisional 1 Mwt license for training purposes.

No further action is planned.

Gaston Fiorelli

CO:III:KVS

Gaston Fiorelli
Senior Reactor Inspector

Attachment:

CO Inquiry Rpt Nos. 050-155/71-10
and 050-255/71-11 (orig & 1)

cc: J. B. Henderson, CO
E. G. Case, DRS (3)
R. S. Boyd, DRL (2)
R. C. DeYoung, DRL (2)
D. J. Skovholt, DRL (3)
H. R. Denton, DRL (2)
A. Giambusso, CO
L. Kornblith, CO
R. H. Engelken, CO
Regional Directors, CO
DR Central Files

A/D TECH PROGRAMS

DENTON, H. _____
Beratan, L. _____
Collins, W. _____
Farmer, W. _____
Pomeroy, D. _____
Thomas, V. _____
PELIETIER, C. _____
Cleveland, R. _____
Denton, L. _____
S. _____
P. _____
Peranca, M. _____

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X-Docket No. 50-155

255

Dupe 8102040519

U. S. ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE

REGION III

CO Inquiry Report Nos. 050-155/71-10
and 050-255/71-11

Subject: Consumers Power Company
License Nos. DPR-~~19~~ and DPR-20
Big Rock Point and Palisades
Termination of Strike

Prepared By: H. C. Dance *and 2 signed for*

September 1, 1971

A. Date and Manner AEC was Informed:

Mr. C. Hartman, Big Rock Point Plant Superintendent, informed Region III by telephone on September 1, 1971. Subsequent discussion was held the same date with Mr. R. Haueter in Jackson, Michigan.

B. Description of Particular Event or Circumstance:

Operating and maintenance personnel and members of the Utility Workers Union of America began returning to work at 12:01 a.m. on September 1, 1971, by direction of their national union. The strike began on May 12, 1971. Plant operation during the strike had been conducted by supervisory and engineering personnel. The union members will vote on Consumers Power Company's last proposal within the next thirty days.

C. Action by Licensee:

None required.

Dupe 810244523