Duquesne Light

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April 1, 1986

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Mr. Peter Tam, Project Manager
Division of PWR Licensing - A
Office of Nuclear Reactor Regulation

SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
Control Room Radiation Monitors

REFERENCES: (a) 2NRC-4-158, dated October 3, 1984
(b) 2NRC-5-117, dated August 14, 1985

Gentlemen:

In Reference (a), Duquesne Light Company (DLC) indicated that additional analyses were being performed to evaluate the necessity for the addition of control room radiation monitors which would automatically actuate the control room emergency ventilation systems. In Reference (b), the NRC was notified that two new Category I area radiation monitors to accomplish the above described function would be installed in both sections of the Beaver Valley Unit 1 and Unit 2 control room.

Amendment No. 11 to the Beaver Valley Unit 2 Final Safety Analysis Report (FSAR) implemented text revisions in Section 9.4 to address this plant design modication. Revisions to Chapter 7 instrumentation diagrams to account for this plant design modification will be included in the next revision to the Beaver Valley Unit 2 FSAR, Amendment No. 12. Attached is a copy of the changes which are currently expected to occur in the Chapter 7 Figures of the FSAR. Although the attached changes have not undergone final DLC formal approval, the formal FSAR Amendment will be the same or very similar to the attached copy.

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DLC understands that with attached information, this issue will result in a confirmatory item in the next supplement to the Beaver Valley Unit 2 Safety Evaluation Report. If you have any questions concerning this issue, please call Mr. J. O'Neil at (412) 643-5200 extension 232.

DUQUESNE LIGHT COMPANY

By J. J. Carey
J. J. Carey
Vice President

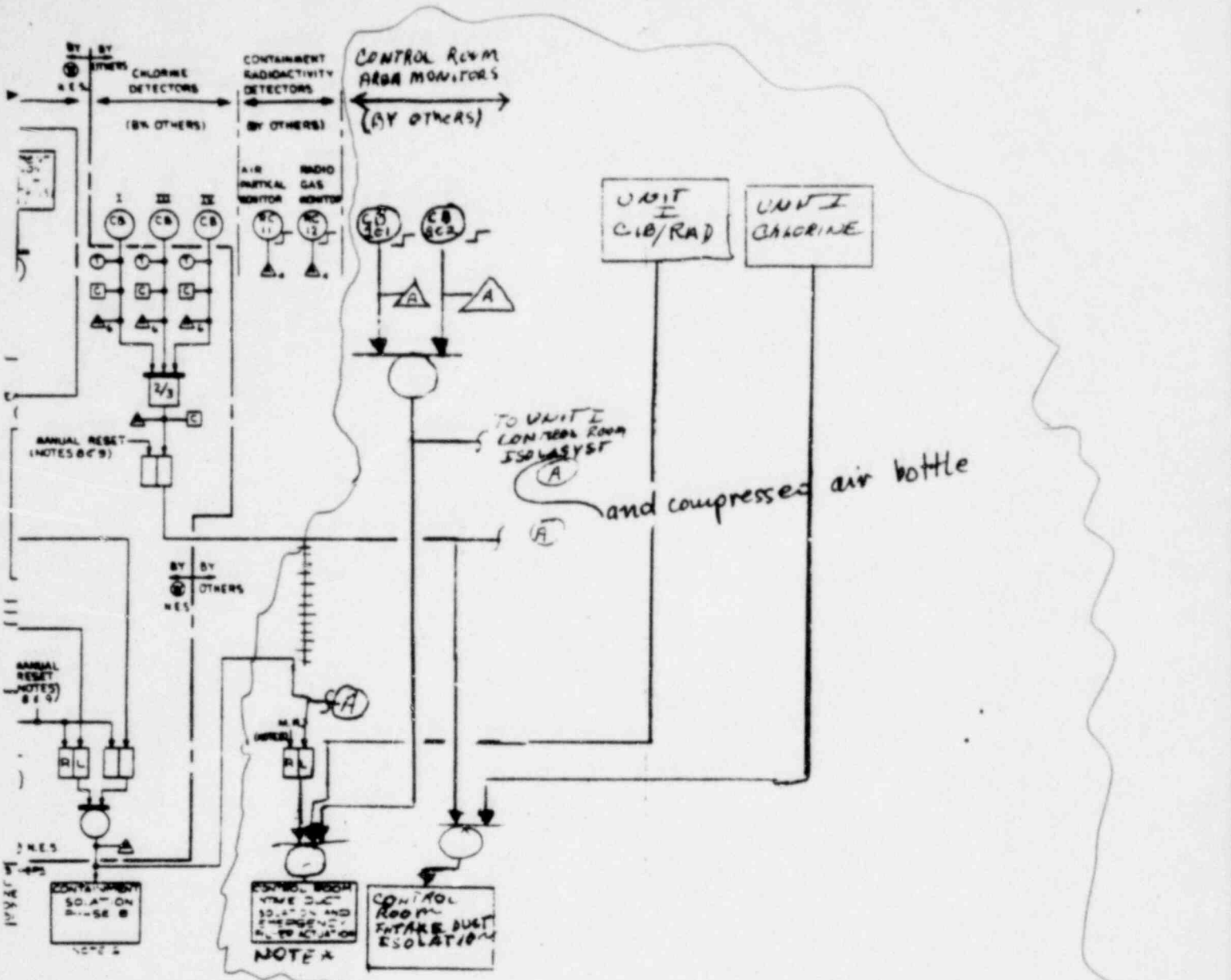
RWF/jdw
Attachment

cc: Mr. P. Tam, Project Manager (w/a)
Mr. G. Walton, NRC Resident Inspector (w/a)
INPO Records Center (w/a)
NRC Document Control Desk (w/a)

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF BEAVER)

On this 31 day of March, 1986, before me, a Notary Public in and for said Commonwealth and County, personally appeared J. J. Carey, who being duly sworn, deposed and said that (1) he is Vice President of Duquesne Light, (2) he is duly authorized to execute and file the foregoing Submittal on behalf of said Company, and (3) the statements set forth in the Submittal are true and correct to the best of his knowledge.

Sheila M. Fattore
Notary Public
SHEILA M. FATTORE, NOTARY PUBLIC
SHIPPINGPORT BORO, BEAVER COUNTY
MY COMMISSION EXPIRES OCT. 27, 1989
Member, Pennsylvania Association of Notaries



THE BYPASS VALVE IN PARALLEL WITH THE ASSOCIATED STEAM VALVE

...D BE PROVIDED IN THE CONTROL ROOM FOR EACH STEAMLINE STOP ...DICATE WHEN THE VALVE IS FULLY CLOSED OR FULLY OPEN.

...ON MAY BE DELAYED AND SEQUENCED IF THE EMERGENCY DIESEL POWER IS LESS THAN THE TOTAL LOAD WITH ALL SYSTEMS STARTING. THE ...S), IF USED, MAY NOT EXCEED THE MAXIMUM STARTING TIME (S) FOR EACH SYSTEM.

...T MANUAL ACTUATION FOR SYSTEM LEVEL SIGNALS ISOLATION FOUR MOMENTARY CONTROLS, TWO FOR EACH TRAIN. ACTUATION WILL ...IN TRAIN ONLY IF THE TWO ASSOCIATED CONTROLS ARE OPERATED ...LY.

NOTE * EMERGENCY FILTRATION SYSTEM IS DELAYED 60 MINUTES.

FIGURE 7.2-1 (SH. 8 OF 18)
FUNCTION DIAGRAM
SAFEGUARD ACTUATION SIGNALS
BEAVER VALLEY POWER STATION-UNIT 2
FINAL SAFETY ANALYSIS REPORT

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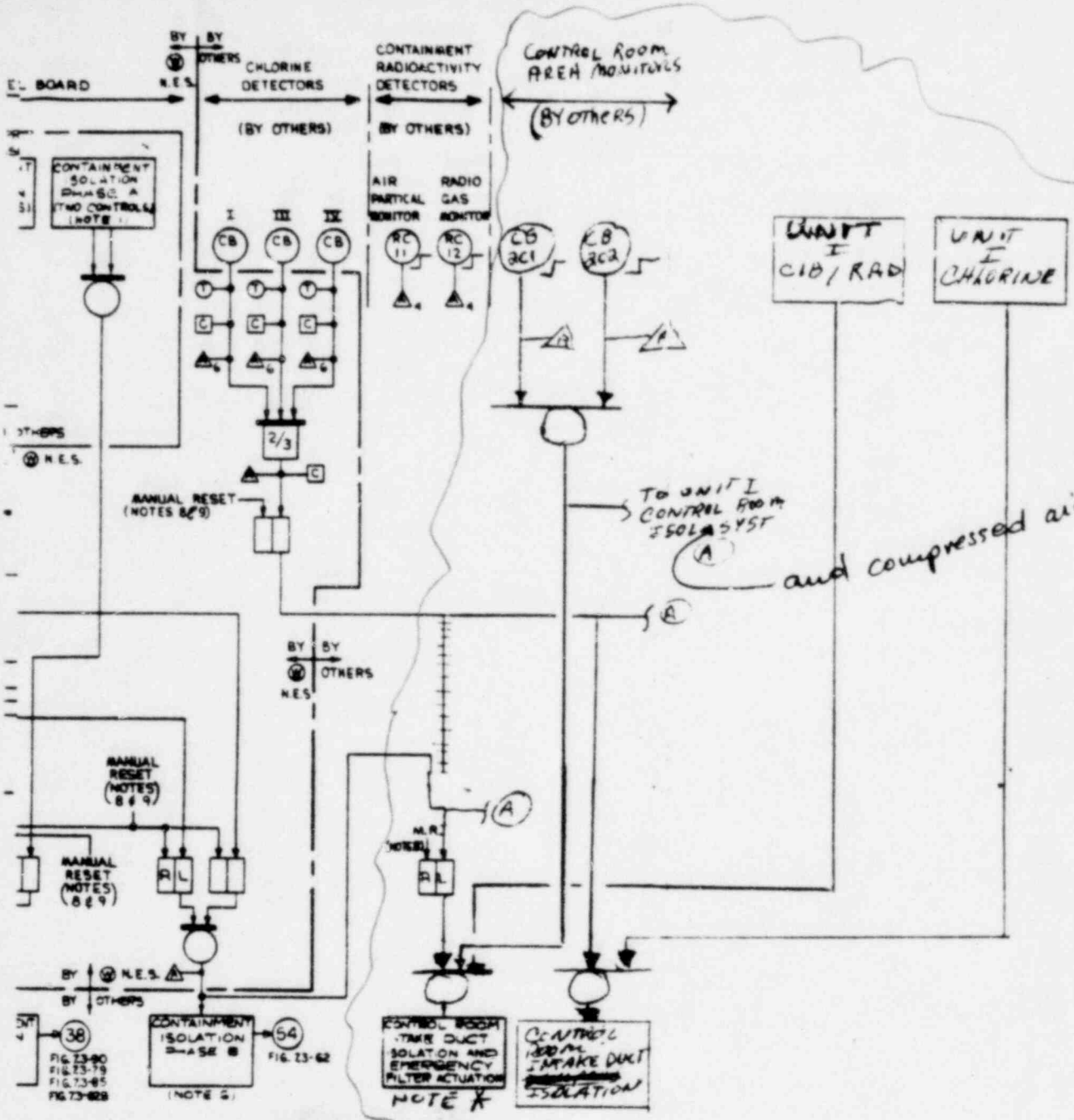

ALSO CLOSES THE BYPASS VALVE IN PARALLEL WITH THE ASSOCIATED STEAM LINE STOP VALVE.

LIGHTS SHOULD BE PROVIDED IN THE CONTROL ROOM FOR EACH STEAMLINE STOP VALVE TO INDICATE WHEN THE VALVE IS FULLY CLOSED OR FULLY OPEN.

THE ACTUATION MAY BE DELAYED AND SEQUENCED IF THE EMERGENCY DIESEL POWER CAPABILITY IS LESS THAN THE TOTAL LOAD FOR ALL SYSTEMS STARTING. THE TIME DELAY(S), IF USED, MAY NOT EXCEED THE MAXIMUM STARTING TIME REQUIREMENT(S) FOR EACH SYSTEM.

THE REDUNDANT MANUAL ACTUATION FOR SYSTEM LEVEL STEAMLINE ISOLATION CONSISTS OF FOUR MOMENTARY CONTROLS, TWO FOR EACH TRAIN. ACTUATION WILL OCCUR IN A GIVEN TRAIN ONLY IF THE TWO ASSOCIATED CONTROLS ARE OPERATED SIMULTANEOUSLY.

FIGURE 7.3-13
FUNCTIONAL DIAGRAM
SAFEGUARD ACTUATION SIGNAL
BEAVER VALLEY POWER STATION-UNIT 2
FINAL SAFETY ANALYSIS REPORT

NOTE * EMERGENCY FILTRATION SYSTEM IS DELAYED 60 MINUTES.