



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 5, 1975

Docket No.: 50-285

LICENSEE: OMAHA PUBLIC POWER DISTRICT (OPPD)

FACILITY: FORT CALHOUN

SUBJECT: MINUTES OF AUGUST 23, 1979 MEETING ON CONTAINMENT PURGING

Subject meeting was held in Bethesda, Maryland to discuss containment purge valve and vent valve designs, purge operating requirements and purge electrical override circuitry. Enclosure 1 identifies participants at this meeting.

OPPD personnel agreed to provide certain information on an expedited basis by phone. Subsequent to the meeting OPPD provided that information as follows:

- 1) The radiation monitoring equipment in the containment building is not, nor was it intended to be, safety grade.
- 2) There is one switch for each of the four containment purge valves.
- 3) Typical radioactivity levels in the reactor coolant system are:
 - Iodine-131 equivalent is 2.476×10^{-2} microcuries/gm
 - Iodine-131 is 1.34×10^{-2} microcuries/gm
 - Total Iodine is 1.5×10^{-1} microcuries/gm
 - Total activity is 3.53 microcuries/gm.
- 4) The hours of containment purging in "Hot Standby" or "Power Operation" have been as follows:

1976 - 21 hours at Hot Standby
189 hours at Power Operation

1977, 1978 and 1979 to date - No purges in Hot Standby or Power Operation.

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Minutes of 8/23/79 Meeting on
Containment Purging

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The NRC staff discussed our guidance on "Demonstration of Operability of Purge and Vent Valves Under Accident Conditions" guidance on safety signal requirements for purge and ventilation valves and questions from the NRC Plant Systems Branch on OPPD responses relative to the "Branch Technical Position" on containment purging (BTP 6-4).

OPPD provided "Data for Containment Purge and Vent Valve Assemblies (Enclosure 2).

No electrical override problems with the Fort Calhoun containment purging system were identified at the meeting in a preliminary review of the electrical prints.


Peter B. Erickson

Peter B. Erickson, Project Manager
Operating Reactors Branch #4
Division of Operating Reactors

Enclosures:

1. List of Attendees
2. "Data for Containment Purge and Vent Valve Assemblies"

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List of Attendees
Meeting with OPPD

Purging of Containment

8/23/79

Participants

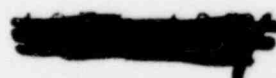
Allan Udy
James H. (Jim) Cooper
Douglas B. (Doug) Hackett
J. T. Beard
J. Kerrigan*
Ed Reeves
E. G. Adensam*
L. Nichols*
Frank Witt*
Walt Pasedag*
Richard Emch*
Peter B. Erickson
Bruce J. Hickie
Bob Mehaffey

Organization

EG&G - Idaho
EG&G - San Ramon
EG&G - San Ramon
NRC/DOR/PSB
NRC/DOR/PSB
NRC/DOR/ORB#1
NRC/DOR/PSB
NRC/DOR
NRC/DOR/EEB
NRC/DOR/EEB
NRC/DOR/EEB
NRC/DOR/ORB#4
OPPD
OPPD

* Part Time

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DATA FOR CONTAINMENT PURGE & VENT VALVE ASSEMBLIES

FACILITY: Fort Calhoun Station Unit No. 1
 NUCLEAR VENDOR: Combustion Engineering
 A&E: Gibbs, Hill, Durham, and Richardson

DATA FOR VALVES

No.	Designation on P.I. Drawing	Valve Size	Valve Type	Valve Manufacturer	Timed, Seconds Valve Close Time	Part or Model Number	Inside or Outside Containment
PCV-742A PCV-742B PCV-742C PCV-742D	GHDR 11405-M-1	42"	Butterfly Actuator: Bettis Robotarm Model # 2744-SR	Allis-Chalmers	1 sec (Pre-op) 1 sec (Pre-op) 1 sec (Pre-op) 1.4 sec (Pre-op) A < 1.5 B < 1.5 C < 1.5 D < 2.0 ISI	Streamseal Butterfly Valves Type-42-60 FR - Refer to Allis- Chalmers Dwg 55756-1	PCV-742 A/C are inside PCV-742 B/D are outside
HCV-746A HCV-746B	GHDR 11405-M-1	2"	Diaphragm Controlled Globe Valve Actuator: Fisher 657 Size 40	Fisher Governor Company	A < 3.8 sec (ISI) B < 3.0 sec (ISI)	Type 667-A S/N 4662172 4662173	Inside (HCV-746A) Outside (HCV-746B)

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MEETING SUMMARY DISTRIBUTION

ORB#4

Mr. Theodore E. Short
Assistant General Manager
Omaha Public Power District
1623 Harney St.
Omaha, Nebraska 68102

Jocket File
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L PDR
ORB#4 Rdg
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E. G. Case

D. Eisenhut
R. Vollmer
W. Russell
B. Grimes
T. J. Carter
A. Schwencer
D. Ziemann
T. Ippolito
W. Gammill
L. Shao
J. Miller, DCR

R. Reid
V. Noonan
P. Check
G. Lainas
G. Knighton
Project Manager
OELD
OI&E (3)
R. Ingram
R. Fraley, ACRS (16)
Program Support Branch
TERA
J. R. Buchanan
Meeting Summary File
NRC Participants
JTBeard
JKerrigan
EReeves
EGAdensam
LNichols
FWitt
WPasedag
REmch
MWilber, I&E

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