

# BWR OWNERS' GROUP

*CHRIS NELSON* *James* *gm*  
*Docket + Action*

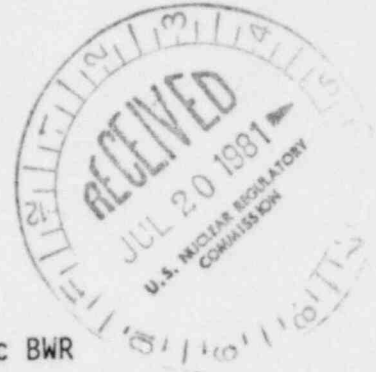
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BWROG-8148

July 1, 1981

U. S. Nuclear Regulatory Commission  
Division of Licensing  
Office of Nuclear Reactor Regulation  
Washington, D.C. 20555



*sd* Attention: Darrell G. Eisenhut, Director

SUBJECT: Transmittal of Preliminary Data From Generic BWR  
Safety/Relief Valve (S/RV) Test Program

Gentlemen:

In response to NUREG-0737, Item II.D.1, this letter transmits the preliminary generic BWR S/RV test program results. These attached results are provided as preliminary data sheets and demonstrate the operational adequacy of the SRV's used by the plants listed in Table 1. The final test report documenting the test results will be provided by October 1, 1981, per the NUREG-0737 requirement.

Yours truly,

T. J. Dente, Chairman  
BWR Owners' Group

TJD:PWM

Enclosures

cc: BWR Owners' Group      M. W. Hodges (NRC)  
P. W. Marriott (GE)      J. A. Olshinski (NRC)  
S. J. Stark (GE)      D. M. Verrelli (NRC)

*6001*  
*s*  
*1/1*

TABLE 1  
PARTICIPATING UTILITIES  
NUREG-0737, II.D.1

This report applies to the following plants, whose owners participated in the report's development.

Niagara Mohawk Power	Nine Mile Point 1, Nine Mile Point 2
Jersey Central Power & Light	Oyster Creek
Northeast Utilities	Millstone
Commonwealth Edison Co.	Dresden 2, Dresden 3, Quad Cities 1, Quad Cities 2, La Salle 1, La Salle 2
Northern States Power	Monticello
Boston Edison Co.	Pilgrim
Vermont Yankee	Vermont Yankee
Iowa Electric Light & Power	Duane Arnold
Nebraska Public Power District	Cooper
Tennessee Valley Authority	Jones Ferry 1, 2, & 3 Martsville 1, 2, 3 & 4 Phipps Bend 1 & 2
Carolina Power & Light	Brunswick 1, Brunswick 2
Philadelphia Electric Co.	Peach Bottom 2, Peach Bottom 3, Limerick 1, Limerick 2
Power Authority of the State of New York	Fitzpatrick
Long Island Lighting Company	Shorenham
Public Service Electric & Gas	Hope Creek 1, Hope Creek 2
Pennsylvania Power & Light	Susquehanna 1, Susquehanna 2
Detroit Edison Co.	Fermi 2
Georgia Power Co.	Hatch 1, Hatch 2

Cincinnati Gas & Electric

Zimmer 1

Washington Public Power  
Supply System

Hanford 2

Public Service of Oklahoma

Black Fox 1, Black Fox 2

Mississippi Power & Light

Grand Gulf 1, Grand Gulf 2

Gulf States Utilities

River Bend 1, River Bend 2

Illinois Power Company

Clinton 1, Clinton 2

Cleveland Electric Illuminating  
Company

Perry 1, Perry 2

Houston Light & Power

Allens Creek 1, Allens Creek 2

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-13-81

RUN/TEST NO. 006

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED,

LOADS

I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup> F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

26 mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-14-81

RUN/TEST NO. 007

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

190<sup>0</sup>F

INLET PRESSURE

252 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

240mSec at 0 PSIG

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-14-81

RUN/TEST NO. 008

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED,

LOADS I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

24mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-14-81

RUN/TEST NO. 009

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 50<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

157<sup>0</sup>F

INLET PRESSURE

253 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISC LIFT TIME)

300mSec at 0 PSIG

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-26-81

RUN/TEST NO. 021

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

24mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE



PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-26-81

RUN/TEST NO. 022

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8P10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS    i    SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

215<sup>0</sup>F

INLET PRESSURE

281 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

YES

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

YES

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-21-81

RUN/TEST NO. 013

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY 8R10

S/RV SERIAL NO. -QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED

LOADS **II** SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>o</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

21mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-24-81

RUN/TEST NO. 016

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS II SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

201<sup>0</sup>F

INLET PRESSURE

296 PSIG

S/RV FLOW RATE

1.1 ER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

\*\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-25-81

RUN/TEST NO. 017

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED,

LOADS II

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

24mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-25-81

RUN/TEST NO. 018

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS II SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

208<sup>0</sup>F

INLET PRESSURE

282 PSIG

S/RV FLOW RATE

LATER

S/R. OPENING TIME (MAIN DISK LIFT TIME)

350mSec at 0 PSIG

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-25-81

RUN/TEST NO. 019

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

STEAM, SATURATED

LOADS 11

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

25mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 2-26-81

RUN/TEST NO. 020

S/RV MODEL NO. HB-65-DF

S/RV MANUFACTURER CROSBY  
8R10

S/RV SERIAL NO. - QV5 (GE ENGR. TEST UNIT)

TYPE OF TEST

WATER, 50°F SUBCOOLED

LOADS II SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

175°F

INLET PRESSURE

275 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

YES

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

YES

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-3-81

RUN/TEST NO. 101

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS

S/RV SERIAL NO. 160614

8R10

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

63mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE



PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST \*  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-3-81

RUN/TEST NO. 102

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS  
8R10

S/RV SERIAL NO. 160814

TYPE OF TEST

WATER, 15°F SUBCOOLED

LOADS I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

207°F

INLET PRESSURE

250 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

\*\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-4-81

RUN/TEST NO. 103

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS

S/RV SERIAL NO. 160814

8R10

TYPE OF TEST

STEAM, SATURATED

LOADS I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

57mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-4-81

RUN/TEST NO. 104

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS

S/RV SERIAL NO. 160814

8R10

TYPE OF TEST

WATER, 150°F SUBCOOLED

LOADS

I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

195°F

INLET PRESSURE

266 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

610mSec at 0 PSIG

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-4-81

RUN/TEST NO. 105

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS  
8R10

S/RV SERIAL NO. 160814

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

56mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-4-81

RUN/TEST NO. 106

S/RV MODEL NO. G.471-6/125.04

S/RV MANUFACTURER DIKKERS  
8R10

S/RV SERIAL NO. 160814

TYPE OF TEST

WATER, 50°F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

177°F

INLET PRESSURE

247 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

YES

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

YES

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-10-81

RUN/TEST NO. 202

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK

S/RV SERIAL NO. 181

3-STAGE  
6R10

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-11-81

RUN/TEST NO. 204

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK  
3-STAGE  
6R10

S/RV SERIAL NO. 181

TYPE OF TEST

STEAM, SATURATED

LOADS    I    SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-11-81

RUN/TEST NO. 206

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK

S/RV SERIAL NO. 181

3-STAGE  
6R10

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE



PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-30-81

RUN/TEST NO. 209

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK  
3-STAGE  
6R10

S/RV SERIAL NO. 181

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

195<sup>0</sup>F

INLET PRESSURE

288 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-30-81

RUN/TEST NO. 210

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK

S/RV SERIAL NO. 181

3-STAGE  
6R10

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

193<sup>0</sup>F

INLET PRESSURE

269 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-30-81

RUN/TEST NO. 211

S/RV MODEL NO. 7467F

S/RV MANUFACTURER TARGET ROCK  
3-STAGE  
6R10

S/RV SERIAL NO. 181

TYPE OF TEST

WATER, 50°F SUBCOOLED

LOADS    T    SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

195°F

INLET PRESSURE

253 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

YES

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

YES

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-17-81

RUN/TEST NO. 301

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-17-81

RUN/TEST NO. 303

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS 1 SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

241<sup>0</sup> F

INLET PRESSURE

272 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-17-81

RUN/TEST NO. 304

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A<sup>+</sup>

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-18-81

RUN/TEST NO. 305

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

274<sup>0</sup>F

INLET PRESSURE

278 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-18-81

RUN/TEST NO. 306

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK

S/RV SERIAL NO. 1062

2-STAGE  
6R10

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555° F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE



PRELIMINARY DATA SHEET FOR  
 NUREG-0757 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-18-81

RUN/TEST NO. 307

S/RV MODEL NO. 7557-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

WATER, 50°F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

215°F

INLET PRESSURE

262 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-18-81

RUN/TEST NO. 308

S/RV MODEL NO. 7567-F000

S/RV MANUFACTURER TARGET-ROCK  
2-STAGE  
6R10

S/RV SERIAL NO. 1062

TYPE OF TEST

SPECIAL \* WATER

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND YES

S/RV CLOSED ON COMMAND YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE 284°F

INLET PRESSURE 113 PSIG

S/RV FLOW RATE LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME) LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION YES

POST-TEST HYDRO+ YES

POST-TEST DISASSEMBLY INSPECTION+ YES

FACILITY INTEGRITY DEMONSTRATED YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* EQUIVALENT TO 150°F SUBCOOLED WATER, 50PSI OPENING PRESSURE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-24-81

RUN/TEST NO. 402

S/RV MODEL NO. HB-65-BP-FN

S/RV MANUFACTURER CROSBY

S/RV SERIAL NO. N63580-00-0019

6R10

TYPE OF TEST

STEAM SATURATED

LOADS I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555°F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

25mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-24-81 RUN/TEST NO. 403  
 S/RV MODEL NO. HB-65-BP-FN S/RV MANUFACTURER CROSBY  
 S/RV SERIAL NO. N63580-00-0019 6R10

TYPE OF TEST  
WATER, 15<sup>0</sup>F SUBCOOLED LOADS I SUPPORTS

TEST RESULTS  
 S/RV OPENED ON COMMAND YES  
 S/RV CLOSED ON COMMAND YES  
 S/RV FLUID TEST CONDITIONS  
 FLUID TEMPERATURE 206<sup>0</sup>F  
 INLET PRESSURE 262 PSIG  
 S/RV FLOW RATE LATER  
 S/RV OPENING TIME (MAIN DISK LIFT TIME) \*\*  
 VALVE INTEGRITY DEMONSTRATED BY:  
 VISUAL INSPECTION YES  
 POST-TEST HYDRU<sup>+</sup> N/A\*  
 POST-TEST DISASSEMBLY INSPECTION<sup>+</sup> N/A  
 FACILITY INTEGRITY DEMONSTRATED YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE  
 \* NOT APPLICABLE  
 \*\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-24-81

RUN/TEST NO. 404

S/RV MODEL NO. HB-65-BP-FN

S/RV MANUFACTURER CROSBY

S/RV SERIAL NO. N63580-00-0019

6R10

TYPE OF TEST

STEAM, SATURATED

LOADS

I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

25mSec

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-25-81

RUN/TEST NO. 405

S/PV MODEL NO. HB-65-BP-FN

S/RV MANUFACTURER CROSBY 6R10

S/RV SERIAL NO. N63580-00-0019

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

210<sup>0</sup>F

INLET PRESSURE

250PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

\*\*

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

\*\* OPEN PRIOR TO TEST

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-25-81  
 S/RV MODEL NO. HB-65-BP-FN  
 S/RV SERIAL NO. N63580-00-0019

RUN/TEST NO. 406  
 S/RV MANUFACTURER CROSBY  
6R10

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND	<u>YES</u>
S/RV CLOSED ON COMMAND	<u>YES</u>
S/RV FLUID TEST CONDITIONS	
FLUID TEMPERATURE	<u>555<sup>0</sup>F</u>
INLET PRESSURE	<u>1080 PSIG</u>
S/RV FLOW RATE	<u>LATER</u>
S/RV OPENING TIME (MAIN DISK LIFT TIME)	<u>24mSec</u>

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION	<u>YES</u>
POST-TEST HYDRO <sup>+</sup>	<u>N/A*</u>
POST-TEST DISASSEMBLY INSPECTION <sup>+</sup>	<u>N/A</u>
FACILITY INTEGRITY DEMONSTRATED	<u>YES</u>

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 3-25-81  
 S/RV MODEL NO. HB-65-BP-FN  
 S/RV SERIAL NO. N63580-00-0019

RUN/TEST NO. 407  
 S/RV MANUFACTURER CROSBY  
6R10

TYPE OF TEST

WATER, 50°F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND	<u>YES</u>
S/RV CLOSED ON COMMAND	<u>YES</u>
S/RV FLUID TEST CONDITIONS	
FLUID TEMPERATURE	<u>555°F</u>
INLET PRESSURE	<u>1080 PSIG</u>
S/RV FLOW RATE	<u>LATER</u>
S/RV OPENING TIME (MAIN DISK LIFT TIME)	<u>*</u>

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION	<u>YES</u>
POST-TEST HYDRU <sup>+</sup>	<u>YES</u>
POST-TEST DISASSEMBLY INSPECTION <sup>+</sup>	<u>YES</u>
FACILITY INTEGRITY DEMONSTRATED	<u>YES</u>

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* OPEN PRIOR TO TEST



PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-15-81

RUN/TEST NO. 602

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-15-81

RUN/TEST NO. 604

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

WATER, 15°F SUBCOOLED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

193°F

INLET PRESSURE

230 P<sup>c</sup>IG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-16-81

RUN/TEST NO. 606

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

WATER, 15<sup>0</sup>F SUBCOOLED

LOADS

I

SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

198<sup>0</sup>F

INLET PRESSURE

274 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-16-81

RUN/TEST NO. 607

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-16-81

RUN/TEST NO. 608

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

WATER, 50<sup>0</sup>F SUBCOOLED

LOADS I SUPPORTS \*\*

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

162<sup>0</sup>F

INLET PRESSURE

263 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

N/A\*

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

N/A

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* NOT APPLICABLE

\*\* CHANGED OUT FIRST SNUBBER - 20K

PRELIMINARY DATA SHEET FOR  
 NUREG-0737 S/RV TEST  
 WYLE LABS, HUNTSVILLE, ALA.

DATE TESTED 4-16-81

RUN/TEST NO. 609

S/RV MODEL NO. 1525VX

S/RV MANUFACTURER DRESSER

S/RV SERIAL NO. BK-7061

ELECTROMATIC  
6R8

TYPE OF TEST

STEAM, SATURATED

LOADS I SUPPORTS\*

TEST RESULTS

S/RV OPENED ON COMMAND

YES

S/RV CLOSED ON COMMAND

YES

S/RV FLUID TEST CONDITIONS

FLUID TEMPERATURE

555<sup>0</sup>F

INLET PRESSURE

1080 PSIG

S/RV FLOW RATE

LATER

S/RV OPENING TIME (MAIN DISK LIFT TIME)

LATER

VALVE INTEGRITY DEMONSTRATED BY:

VISUAL INSPECTION

YES

POST-TEST HYDRO<sup>+</sup>

YES

POST-TEST DISASSEMBLY INSPECTION<sup>+</sup>

YES

FACILITY INTEGRITY DEMONSTRATED

YES

+ ONLY ONCE PER VALVE AT END OF TEST SEQUENCE

\* CHANGED OUT FIRST SNUBBER - 20K