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February 27, 1986

OFFICE OF THE
DOCKETING & SERVICE
BRANCH

Morton B. Margulies, Esquire
Chairman - Administrative Judge
Atomic Safety and Licensing
Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Oscar H. Paris
Administrative Judge
Atomic Safety and Licensing
Board Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. Gustave A. Linenberger, Jr.
Administrative Judge
Atomic Safety and Licensing Board
Panel
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

RE: In re Georgia Power Company, et al. (Vogtle
Electric Generating Plant, Units 1 and 2)
NRC Docket Nos. 50-424 and 50-425 CL

Dear Administrative Judges:

Exhibit F to the Applicants' Testimony of George J. Baenteli, George Bockhold, Jr., Stephen J. Cereghino, William V. Cesarski, and Harold J. Quasny on Contention 10.5 (ASCO Solenoid Valves) submitted on February 24, 1986, consisted of ASCO Catalog No. NP-1. Page 13 of that catalog was inadvertently omitted from the copy attached to that testimony. A copy of that page is enclosed.

Yours truly,

James E. Joiner
James E. Joiner

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PDR ADOCK 05000424 PDR
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JEJ:mh
Enclosure
cc: Service List

DS03

High Flow

4 WAY SOLENOID VALVES

2 Position Single and Dual Solenoids
For (oil free) Instrument Air 1/4" to 1" N.P.T.

ASCO
Red-Hat
BULLETIN
NP8344

General Description

These are heavy duty two position 4 way valves with rugged forged brass bodies and poppet type seats and discs, providing tight seating.

The main valve discs are power driven in both directions by line pressure — no return springs.

Applications

Primarily used as pilot operators on larger control valves in nuclear power plants.

They are also used in applications, such as:

- cylinders
- clutches

Specifications

Operation: Two types available:

(a) Single Solenoid — The valve changes position when the solenoid is energized; the valve returns to its original position when de-energized.

(b) Dual Solenoids — The valve changes position when one solenoid is energized. Valve will not return to its original position until opposite solenoid is energized. Solenoids may be energized momentarily or continuously.

Minimum on time of coil for dual solenoid valves is 0.3 second on air service.

Caution: Do not energize both solenoids simultaneously.

Pipe Sizes: 1/4", 3/8", 1/2", 3/4" and 1" N.P.T.

Valve Parts in Contact with Media:

Body — Brass.

Seals — Ethylene Propylene.

Discs — Viton

Core Tube — 305 s.s.

Core and Plugnut — 430F s.s.

Springs — 302 s.s. and 17-7PH s.s.

Shading Coil — Copper.

Pilot Seat Cartridge — Brass

Shaft Gasket — Lead/Clad Copper.

No Aluminum Parts.

Solenoid Enclosures: Two types are available:

(a) Watertight (NEMA 4 and 6).

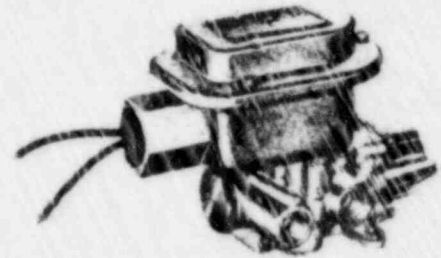
(b) Explosion-Proof — Watertight (NEMA 7C, 7D and 4).

Electrical: Standard Voltages:

24, 120, 240, 480 volts, A-C, 60 Hz (or 50 Hz in 110 volt multiples).

6, 12, 24, 125, 250 volts, D-C. (battery voltages).

Other voltages available when required.



Coil: Continuous Duty Class H.

Temperature: Fluid: To 180°F.

Ambient: Nominal Range, 32°F. to 180°F.

Installation: Mountable in any position without affecting operation.

Coarse Filter: Integral in valve inlet.

Optional Features:

- Junction Box Solenoid Enclosure. (Watertight Solenoid Only).
- Manual Operator
- 1/2" Threaded Conduit Hub
- Screw Terminal Coils. (Watertight Solenoid Only).
- Viton Elastomers.

Specifications

Valve Size (N.P.T.)	Working Pressure (P.S.I.)	Operating Pressure Differential (P.S.I.)		Max. Working Pressure (P.S.I.)	Max. Fluid Temp. (°F.)	Orifice Factor		Watertight Solenoid Enclosure	Explosion-Proof — Watertight Solenoid Enclosure	Watt Rating		Class of Coil Insulation	Approx. Shipping Weight (Lbs.)	
		Maximum				Frass. @ Press. @ D.C.	D.C. @ Frass. @ D.C.			A-C	D-C		WP	WP-LP
		A-C	D-C											
Single Solenoid														
1/4"	1/4"	10	125	450	180	.8	1	NP8344A70E	NP8344A71E	10.5	17.4	H	4 1/4	5 1/4
1/4"	1/4"	10	125	450	180	1.4	2.2	NP8344A72E	NP8344A73E	18.5	37.4	H	9 1/4	10
1/4"	1/4"	10	125	450	180	1.4	2.2	NP8344A74E	NP8344A75E	10.5	17.4	H	9 1/4	10
1/2"	1/2"	10	125	300	180	5.2	5.6	NP8344A76E	NP8344A77E	10.5	17.4	H	18 1/4	18 1/4
1"	1"	10	125	300	180	5.2	5.6	NP8344A78E	NP8344A79E	10.5	17.4	H	18 1/4	18 1/4
Dual Solenoid														
1/4"	1/4"	10	125	450	180	.8	1	NP8344B50E	NP8344B51E	10.5	17.4	H	6 1/4	7
1/4"	1/4"	10	125	450	180	1.4	2.2	NP8344B52E	NP8344B53E	10.5	17.4	H	10	10 1/4
1/4"	1/4"	10	125	450	180	1.4	2.2	NP8344B54E	NP8344B55E	10.5	17.4	H	10	10 1/4
1/2"	1/2"	10	125	300	180	5.2	5.6	NP8344B56E	NP8344B57E	10.5	17.4	H	19 1/4	20 1/4
1"	1"	10	125	300	180	5.2	5.6	NP8344B58E	NP8344B59E	10.5	17.4	H	19 1/4	20 1/4