

5860-20-001-931

|                             |                                                       |              |                    |           |             |          |
|-----------------------------|-------------------------------------------------------|--------------|--------------------|-----------|-------------|----------|
| 1. Manufactured by          | ANCHOR/DARLING VALVE CO. HAYWARD, CA.                 |              |                    |           |             |          |
|                             | (Name and Address of N Certificate Holder)            |              |                    |           |             |          |
| 2. Manufactured for         | WASHINGTON PUBLIC POWER SUPPLY SYSTEM RICHLAND, WASH. |              |                    |           |             |          |
|                             | (Name and Address of Purchaser or Owner)              |              |                    |           |             |          |
| 3. Location of Installation | WPPSS NUCLEAR POWER PROJECTS 1&4 HANFORD, WASH.       |              |                    |           |             |          |
|                             | (Name and Address)                                    |              |                    |           |             |          |
| 4. Pump or Valve            | VALVE                                                 |              | Nominal Inlet Size | 12"       | Outlet Size | 12"      |
|                             |                                                       |              | (inch)             |           |             | (inch)   |
| (a) Model No.               | (b) N Certificate Holder's                            | (c) Canadian | (d) Drawing        | (e) Class | (f) Nat'l.  | (g) Year |
| Series No.                  | Serial                                                | Registration | No.                |           | Bd. No.     | Built    |
| or Type                     | No.                                                   | No.          |                    |           |             |          |
| (1)                         | GATE                                                  | 2N1403       | H77-3782           | 2         | 31          | 1978     |
| (2)                         |                                                       |              |                    |           |             |          |
| (3)                         |                                                       |              |                    |           |             |          |
| (4)                         |                                                       |              |                    |           |             |          |
| (5)                         |                                                       |              |                    |           |             |          |
| (6)                         |                                                       |              |                    |           |             |          |
| (7)                         |                                                       |              |                    |           |             |          |
| (8)                         |                                                       |              |                    |           |             |          |
| (9)                         |                                                       |              |                    |           |             |          |
| (10)                        |                                                       |              |                    |           |             |          |

6. Design Conditions 92 (Pressure) psi 800 (Temperature) °F or Valve Pressure Class 150# (1)  
7. Cold Working Pressure 275 psi at 100°F.  
8. Pressure Retaining Pieces

| Mark No.              | Material Spec. No. | Manufacturer   | Remarks       |
|-----------------------|--------------------|----------------|---------------|
| (a) Castings          |                    |                |               |
| BODY HT. 5083 SN 931  | SA351 CF8          | ANCHOR/DARLING | DODGE/PRL     |
| BONN. HT. 5083 SN 922 | SA351 CF8          | ANCHOR/DARLING | DODGE/PRL     |
| DISC HT. 5102 SN 707  | SA351 CF8          | ANCHOR/DARLING | DODGE/PRL     |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |
| (b) Forgings          |                    |                |               |
| SEAT RING HT. 18351   | SA182 F304         | ANCHOR/DARLING | WESTERN FORGE |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |
|                       |                    |                |               |

\* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

This form (E00037) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

| Mark No.                                                | Material Spec. No. | Manufacturer   | Remarks   |
|---------------------------------------------------------|--------------------|----------------|-----------|
| (c) Bolting                                             |                    |                |           |
| BONN. STUDS CODE K27                                    | SA453-660          | ANCHOR/DARLING | VITCO     |
| BONN. NUTS CODE DD                                      | SA194 7            | ANCHOR/DARLING | VITCO.    |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
| (d) Other Parts                                         |                    |                |           |
| BACKSEAT BUSH. HT. X16346                               | SA479-304          | ANCHOR/DARLING | JORGENSEN |
| DISC GUIDE HT. 38789                                    | SA240-316          | ANCHOR/DARLING | JESSOP    |
| LEAKOFF PIPE HT. 823407                                 | A312-304           | ANCHOR/DARLING | KILSBY    |
|                                                         |                    |                |           |
|                                                         |                    |                |           |
| REMARKS:                                                |                    |                |           |
| BONNET NUTS CODE DD IN COMPLIANCE WITH CODE CASE 1335-9 |                    |                |           |
|                                                         |                    |                |           |
|                                                         |                    |                |           |

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components. Section III, Div. I., Edition 1974.

Addenda WINTER '75, Code Case No. 1335-9, 1516-2, 1677. Date 11-20-78  
(Date)

Signed ANCHOR/DARLING VALVE CO. by B. J. Zilberman  
(N Certificate Holder)

Our ASME Certificate of Authorization No. N-1742 to use the "N" symbol expires 5-20-80.  
(H) (Date)

| CERTIFICATION OF DESIGN                          |                                       |
|--------------------------------------------------|---------------------------------------|
| Design information on file at                    | ANCHOR/DARLING VALVE CO. HAYWARD, CA. |
| Stress analysis report (Class 1 only) on file at | WPPSS HANFORD, WASH.                  |
| Design specifications certified by (1)           | RATHIN BASU                           |
| PE State                                         | WASH. Reg. No. 15049                  |
| Stress analysis certified by (1)                 | NA                                    |
| PE State                                         | Reg. No.                              |

(1) Signature not required. List name only.

**CERTIFICATE OF SHOP INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of CALIFORNIA and employed by LUMBERMENS MUTUAL of LONG GROVE, ILLINOIS 11-28 1978, have inspected the pump, or valve, described in this Data Report on \_\_\_\_\_, and state that to the best of my knowledge and belief, the N Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 11-28 1978  
John J. Cull (Inspector) Commissions Nat'l Bd. 6273  
(Nat'l Bd., State, Prov. and No.)