



Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Electro Mechanical Division

Cheswick Avenue  
Cheswick Pennsylvania 15024  
Cable WECHESWICK  
(412) 963 5000  
Western Union 62190660

July 25, 1986

RCP-86-093

Mr. E. Campbell, Jr.  
United States Nuclear Regulatory Commission  
Division of Engineering Technology  
Office of Nuclear Regulatory Research  
Washington, D.C. 20555

Dear Mr. Campbell:

SUBJECT: NRC Data Base

In reply to your letter requesting our assistance with the Westinghouse portion of your data base, I have reviewed the list. The list is now complete. The following designations may be helpful to you in the future:

1. All 93A-1 and 100A RCP's have spool pieces. The "S" designation is unnecessary.
2. The 93A RCP's are designated as "93A" = nonspool and "93AS" = spool.
3. All other RCP's on the list have no spool piece.

Sincerely,

Charles J. Connors, Jr.  
Summer Student Engineer  
Commercial Products Engrg.

IM-0162E

attachments

cc: L. S. Jenkins  
R. F. Pfeifer  
D. W. Salak

8608180097 860725  
PDR TOPRP EMVWEST  
C PDR

REACTORS BY PUMP MANUFACTURER  
AEC=Atomic Energy Canada, BJ=Byron Jackson, B&W=Babcock & Wilcox, BWC=Bingham, CE=Combustion Eng., GE=General Elec., KSB=Klein, Schanzlin & Becker, W=Westinghouse

| PLANT NAME             | NSSS | NO. OF PUMPS | PUMP OF MODEL | PUMP SIZE | SEAL MFR | SEAL TYPE | NO. OF INJECT SEALS | DOCKET IS NUMBER USED |
|------------------------|------|--------------|---------------|-----------|----------|-----------|---------------------|-----------------------|
| ** Pump Manufacturer W |      |              |               |           |          |           |                     |                       |
| Beaver Valley 1        | W    | 3            | 93A           | W11001-A1 | W        | 8 STD     | 3 Y                 | 50-334                |
| Beaver Valley 2        | W    | 3            | 93A           |           | W        | 8 STD     | 3 Y                 | 50-412                |
| Braidwood 1            | W    | 4            | 93AS          |           | W        | 8 STD D   | 3 Y                 | 50-456                |
| Braidwood 2            | W    | 4            | 93AS          |           | W        | 8 STD D   | 3 Y                 | 50-457                |
| Byron 1                | W    | 4            | 93AS          | W11010-A1 | W        | 8 STD D   | 3 Y                 | 50-454                |
| Byron 2                | W    | 4            | 93AS          |           | W        | 8 STD D   | 3 Y                 | 50-455                |
| Callaway 1             | W    | 4            | 93A-1S        | W11012-A1 | W        | 8 CAR     | 3 Y                 | 50-483                |
| Catawba 1              | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-413                |
| Catawba 2              | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-414                |
| Comanche Peak 1        | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-445                |
| Comanche Peak 2        | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-446                |
| Cook 1                 | W    | 4            | 93AS          | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-315                |
| Cook 2                 | W    | 4            | 93AS          | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-316                |
| Diablo Canyon 1        | W    | 4            | 93AS          |           | W        | 8 STD D   | 3 Y                 | 50-275                |
| Diablo Canyon 2        | W    | 4            | 93AS          |           | W        | 8 STD D   | 3 Y                 | 50-323                |
| Farley 1               | W    | 3            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-348                |
| Farley 2               | W    | 3            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-364                |
| Ginna 1                | W    | 2            | 93            | V11001-A1 | W        | 8 STD     | 3 Y                 | 50-244                |
| Haddam Neck            | W    | 4            | 63            | SV-4M-A1  | W        | 7 STD     | 3 Y                 | 50-213                |
| Harris 1               | W    | 3            | 93A           |           | W        | 8 CAR     | 3 Y                 | 50-400                |
| Indian Point 2         | W    | 4            | 93            | V11002-A1 | W        | 8 STD     | 3 Y                 | 50-247                |
| Indian Point 3         | W    | 4            | 93            | V11002-A1 | W        | 8 STD     | 3 Y                 | 50-286                |
| Kewaunee               | W    | 2            | 93AS          | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-305                |
| McGuire 1              | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-369                |
| McGuire 2              | W    | 4            | 93AS          |           | W        | 8 STD     | 3 Y                 | 50-370                |
| Millstone 3            | W    | 4            | 93A-1         |           | W        | 8 CAR     | 3 Y                 | 50-243                |
| North Anna 1           | W    | 3            | 93A           | W11009-A1 | W        | 8 STD     | 3 Y                 | 50-338                |
| North Anna 2           | W    | 3            | 93A           | W11009-A1 | W        | 8 STD     | 3 Y                 | 50-339                |
| Oconee 1               | B&W  | 4            | 93AS          | W11006-A1 | W        | 8 STD     | 3 Y                 | 50-269                |
| Point Beach 1          | W    | 2            | 93            | V11001-A1 | W        | 8 STD     | 3 Y                 | 50-266                |
| Point Beach 2          | W    | 2            | 93            | V11001-A1 | W        | 8 STD     | 3 Y                 | 50-301                |
| Prairie Island 1       | W    | 2            | 93AS          | W11001    | W        | 8 STD     | 3 Y                 | 50-282                |
| Prairie Island 2       | W    | 2            | 93AS          | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-306                |
| Robinson 2             | W    | 3            | 93            | V11001-B1 | W        | 8 STD     | 3 Y                 | 50-261                |
| Salem 1                | W    | 4            | 93A           | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-272                |
| Salem 2                | W    | 4            | 93A           | W11001-B1 | W        | 8 STD     | 3 Y                 | 50-311                |
| San Onofre 1           | W    | 3            | 63            | SM-4M-A1  | W        | 7 STD     | 3 Y                 | 50-206                |
| Seabrook 1             | W    | 4            | 93A-1         |           | W        | 8 CAR     | 3 Y                 | 50-340                |
| Sequoyah 1             | W    | 4            | 93AS          | W11007-A1 | W        | 8 STD     | 3 Y                 | 50-327                |
| Sequoyah 2             | W    | 4            | 93AS          | W11007-A1 | W        | 8 STD     | 3 Y                 | 50-328                |
| South Texas 1          | W    | 4            | 100A          |           | W        | 8 CAR     | 3 Y                 | 50-498                |
| South Texas 2          | W    | 4            | 100A          |           | W        | 8 CAR     | 3 Y                 | 50-499                |
| Summer 1               | W    | 4            | 93A           | W11015-A1 | W        | 8 STD     | 3 Y                 | 50-395                |
| Surry 1                | W    | 3            | 93A           | W11009-A1 | W        | 8 STD     | 3 Y                 | 50-280                |
| Surry 2                | W    | 3            | 93A           | W10001-A1 | W        | 8 STD     | 3 Y                 | 50-281                |
| TMI 1                  | B&W  | 4            | 93AS          | W11008-A1 | W        | 8 STD     | 3 Y                 | 50-289                |

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KSB=Klein, Schanzlin & Becker, W=Westinghouse

| PLANT<br>NAME  | NSSS | NO. PUMP<br>OF MODEL<br>PUMPS | PUMP<br>SIZE | SEAL<br>MFGR | SEAL<br>TYPE | NO. OF INJECT DOCKET<br>SEAL IS NUMBER<br>STAGES USED |
|----------------|------|-------------------------------|--------------|--------------|--------------|-------------------------------------------------------|
| Trojan         | W    | 4 93AS                        |              | W            | 8 STD        | 3 Y 50-344                                            |
| Turkey Point 3 | W    | 3 93                          | V11001-B1    | W            | 8 STD        | 3 Y 50-250                                            |
| Turkey Point 4 | W    | 3 93                          | V11001-B1    | W            | 8 STD        | 3 Y 50-251                                            |
| Vogtle 1       | W    | 4 93A-1                       |              | W            | 8 CAR        | 3 Y 50-424                                            |
| Vogtle 2       | W    | 4 93A-1                       |              | W            | 8 CAR        | 3 Y 50-425                                            |
| Watts Bar 1    | W    | 4 93AS                        |              | W            | 8 STD        | 3 Y 50-390                                            |
| Watts Bar 2    | W    | 4 93AS                        |              | W            | 8 STD        | 3 Y 50-391                                            |
| Wolf Creek 1   | W    | 4 93A-1                       |              | W            | 8 CAR        | 3 Y 50-482                                            |
| Yankee Rowe 1  | W    | 4 CAN                         |              | -            | -            | 0 N 50- 29                                            |
| Zion 1         | W    | 4 93A                         | W11001-C1    | W            | 8 STD        | 3 Y 50-295                                            |
| Zion 2         | W    | 4 93A                         | W11001-C1    | W            | 8 STD        | 3 Y 50-304                                            |



NOTE TO: Document Control  
Room 016

FROM:

Please place the attached document in the PDR using the following file and  
file points:

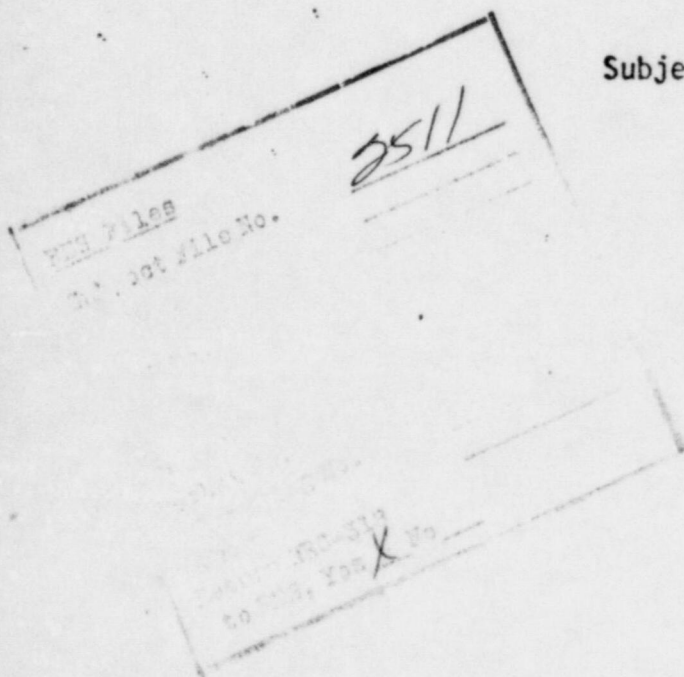
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Related Documents  
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Proposed Rule (PR) \_\_\_\_\_  
Reg. Guide \_\_\_\_\_  
Draft Reg. Guide \_\_\_\_\_  
Petition (PRM) \_\_\_\_\_  
Effective Rule (RM) \_\_\_\_\_

ACRS Minutes No. \_\_\_\_\_  
Proposed Rule (PR) \_\_\_\_\_  
Draft Reg. Guide \_\_\_\_\_  
Reg. Guide \_\_\_\_\_  
Petition (PRM) \_\_\_\_\_  
Effective Rule (RM) \_\_\_\_\_  
Federal Register Notice \_\_\_\_\_  
SD Task No. \_\_\_\_\_  
NUREG Report \_\_\_\_\_  
Contract No. \_\_\_\_\_

Subject: NRC Data Base



RES Files

Subject File No. \_\_\_\_\_

Task No. \_\_\_\_\_

Research Request No. \_\_\_\_\_

FIN No. \_\_\_\_\_

UREG No. \_\_\_\_\_

Docket No. \_\_\_\_\_

Rulemaking No. \_\_\_\_\_

Other \_\_\_\_\_

Return NRC-318

to RES, Yes \_\_\_ No \_\_\_