

**PP&L**

July 25, 1994

Mr. Joseph W. Shea  
U.S. Nuclear Regulatory Commission**SYSTEMS TO PROVIDE VESSEL INVENTORY**

Attached is EO-100-102, Rev. 6 including EOP 102 on RPV Control. We will have available a mark-up of our P&ID's depicting the flow paths of systems capable of vessel make-up for your review the week of August 1, 1994.

The attached, along with a copy of Volume 1 and 2 of Susquehanna IPE, was sent to Dr. Truong Vo of Pacific Northwest Laboratories.

  
James M. Kenny

Attachments

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**Question:**

**1. What systems can be used to provide vessel inventory?**

EO-100-102 (attached) defines the systems on pages 12 and 16. The systems are listed below.

**2. What are the flow paths and power sources?**

The SSES IPE Appendix A, "Plant Description and Mitigating Systems" (attached) identifies the flow paths and power sources. The below Table lists the systems and the Sections of the IPE in which the systems are discussed.

| <u>SYSTEM</u>       | <u>IPE APPENDIX A SECTION</u> |
|---------------------|-------------------------------|
| Feedwater           | A.3.2                         |
| Condensate          | A.3.3                         |
| CRD                 | A.3.2                         |
| RCIC                | A.3.2                         |
| HPCI                | A.3.2                         |
| Core Spray          | A.3.3                         |
| LPCI                | A.3.5                         |
| RHRSW               | A.3.6                         |
| Fire Protection     | A.3.3                         |
| ECCS Keepfill (CST) | A.3.3                         |
| SLC                 | A.3.1                         |