



**POOR ORIGINAL**

**NOTES:**

1. THE EMERGENCY SERVICE WATER SYSTEM IS CLASS I SEISMIC EXCEPT AS NOTED. CLASS I SEISMIC CLASSIFICATION SHALL EXTEND UP TO THE FIRST WALL PENETRATION BEYOND THE POINT INDICATED AND SHALL INCLUDE THE FIRST ANCHOR POINT IN OR BEYOND THIS WALL.
2. THE OPERATORS OF THESE VALVES WILL BE CAPABLE OF CLOSING THE VALVES AGAINST NORMAL FLOW. INLET AND OUTLET VALVES WILL BE NORMALLY OPEN TO ALLOW COMPENSATING SUPPLY FROM THE SAME DIVISION. INTERTIE LINE VALVES TO ALLOW COMPENSATING SUPPLY FROM THE OPPOSITE DIVISION WILL BE NORMALLY CLOSED.
3. THE PUMP SUCTION ARRANGEMENT FOR THE ES-W PUMPS WILL BE THE SAME AS SHOWN ON 0410 8031-M-10 FOR THE DIESEL GENERATOR PUMPS. THIS ISL IS BASED ON PHD 8031-M-11 REV. 15.

**NUCLEAR ENERGY SERVICES**  
 DRN BY [Signature]  
 CKD BY [Signature]  
 GROUP A  
 GROUP B  
 GROUP C

REVISION 3 OF THIS PHD REQUIRES REVISION OF THE FOLLOWING RELATED DOCUMENTS:

QAD	YES <input type="checkbox"/>	NO <input type="checkbox"/>	NA <input type="checkbox"/>
FD TEST	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	NA <input type="checkbox"/>
LOGIC DIAGRAM	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	NA <input type="checkbox"/>

PRO APERTURE CARD

2	INCORPORATED BECTEL COMMENT	[Signature]
1	INCORPORATED BECTEL COMMENTS	[Signature]
<b>BECTEL</b> SAN FRANCISCO		
<b>LIMERICK GENERATING STATION UNITS 1 &amp; 2</b> PHILADELPHIA ELECTRIC COMPANY		
<b>ISL</b> <b>EMERGENCY SERVICE WATER</b>		
JOB No.	8031	ISSUE No.
REV	ISZ-M-11	SHEET No.
	8031-M-11	3
	8810040238	

3 UPDATED AS NOTED PER M-11 SHEET 1 REV 15

34"  
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RIDS

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