

LIMITING CONDITIONS
FOR OPERATION

3.5.A Core Spray &
LPCI Subsystem

Both CSS shall be operable whenever irradiated fuel is in the vessel and prior to reactor startup from a Cold Shutdown condition except as specified in 3.5.A.2 and 3.5.F.3 below:

2. From and after the date that one of the core spray subsystems is made or found to be inoperable for any reason, continued reactor operation is permissible only during the succeeding seven days provided that during such seven days all active components of the other core spray subsystem and active components of the LPCI subsystem are operable.

SURVEILLANCE REQUIREMENTS

4.5.A Core Spray &
LPCI Subsystem (cont'd)

<u>Item</u>	<u>Frequency</u>
(d) Pump Flow Rate	Once/3 months
*Each Pump in each loop shall deliver at least 3125 gpm against a system head corresponding to a reactor vessel pressure of 105 psig.	
(e) Core Spray Header P Instrumentation	
Check	Once/day
Calibrate	Once/3 months
(f) Operability	In accordance
check to ensure that pumps will start and motor operated injection valves will open.	with 4.5.A.2, 4.5.A.4 and 4.5.A.5.
2. When it is determined that core spray subsystem is inoperable, the operable core spray subsystem and the LPCI subsystems shall be demonstrated to be operable in accordance with 4.5.A.1(f) and 4.5.A.3(e) within 24 hours and at least once per 72 hours thereafter until the inoperable core spray subsystem is restored to operable status.	
3. LPCI Subsystem Testing shall be as follows:	

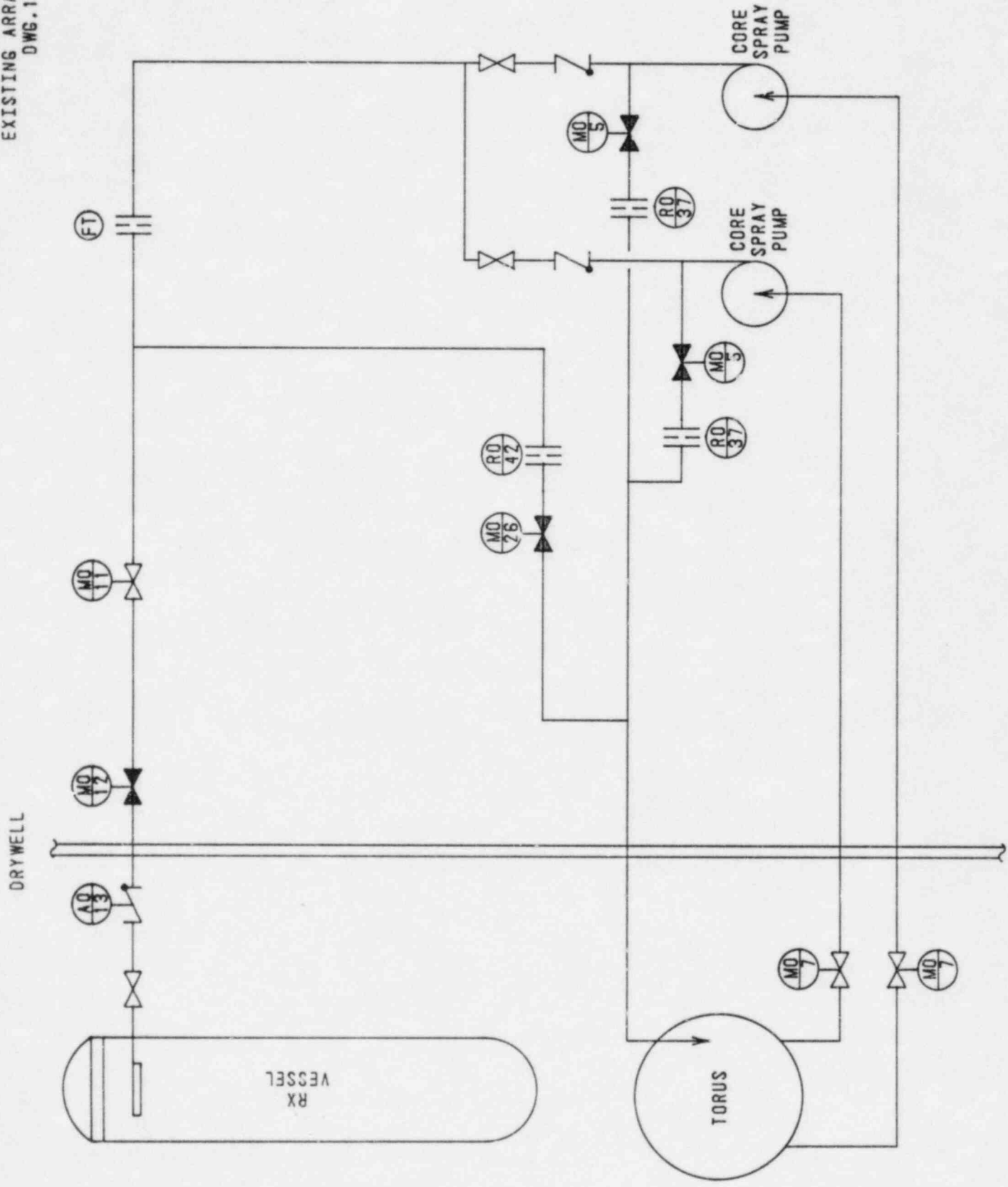
LIMITING CONDITIONS
FOR OPERATION

SURVEILLANCE REQUIREMENTS

<u>Item</u>	<u>Frequency</u>
(a) Simulated Automatic Actuation Test	Once/operating Cycle
(b) Pump operability	Once/1 month

*Until the required modification is completed, the loop flow rate test at 6250 gpm against a system head corresponding to a reactor vessel pressure of 105 psig will be performed to satisfy surveillance requirements.

CORE SPRAY SYSTEM
SINGLE LOOP PIPING
EXISTING ARRANGEMENT
DWG. 1



CORE SPRAY SYSTEM
 SINGLE LOOP PIPING
 PROPOSED ARRANGEMENT
 DWG.2

