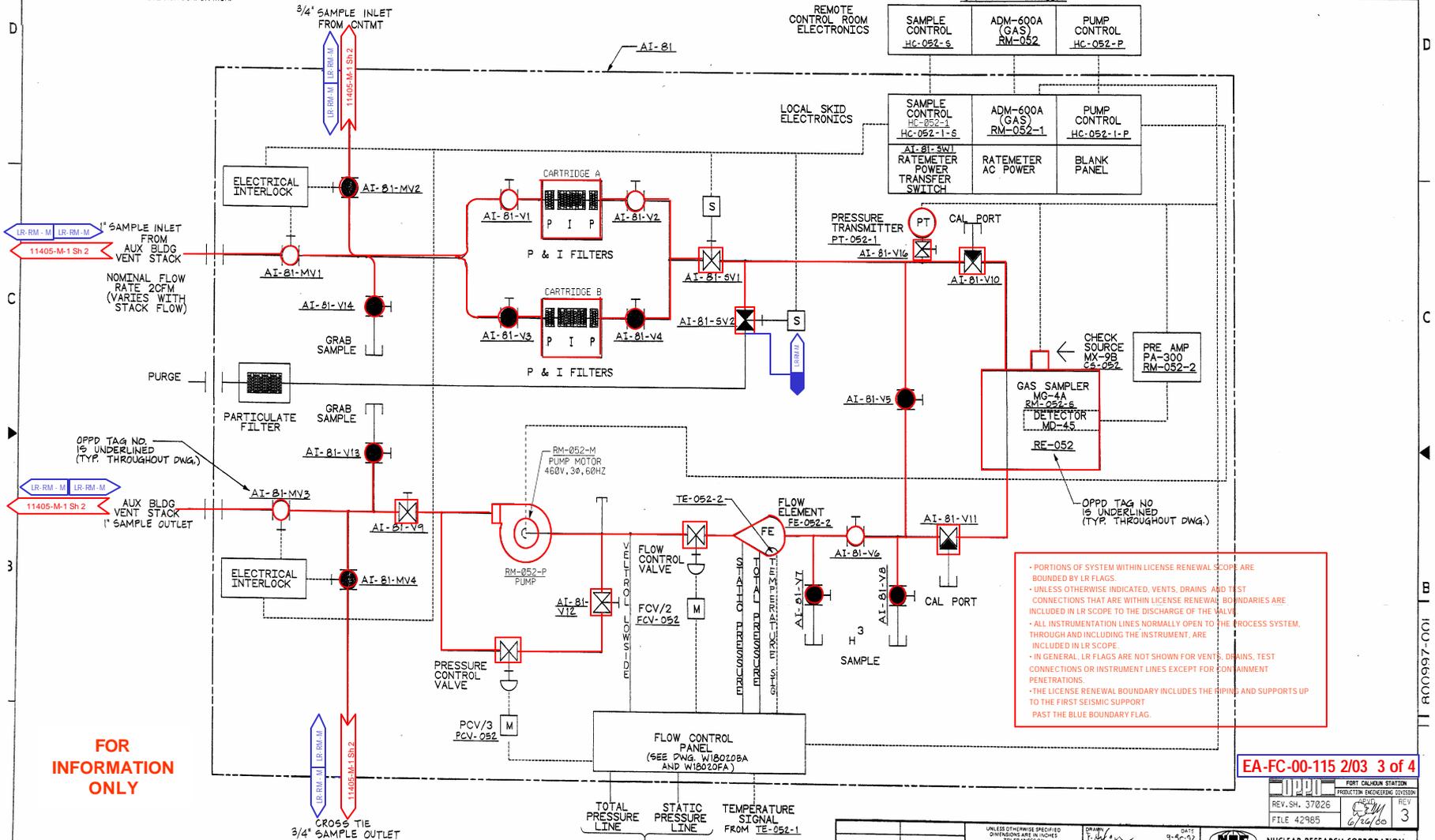


**PROPRIETARY INFORMATION**  
 THIS DRAWING AND ALL INFORMATION AND FEATURES CONTAINED HEREIN ARE AND SHALL REMAIN THE EXCLUSIVE PROPERTY OF NUCLEAR RESEARCH CORPORATION. SHALL BE HELD CONFIDENTIAL AND SHALL NOT BE REPRODUCED OR OTHERWISE DISPOSED OF WITHOUT THE PRIOR WRITTEN CONSENT OF NUCLEAR RESEARCH CORPORATION.

**NOTE: THIS PRINT IS TO BE USED FOR THE FCS LICENSE RENEWAL PROJECT ONLY. IT MAY NOT REFLECT THE MOST CURRENT REVISION OF THIS DRAWING.**

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
-	B	ECN 11930-09	3-31-93	<i>[Signature]</i>
-	C	ECN 11937-03	5-10-93	<i>[Signature]</i>
-	D	ECN 11930-03	6-2-93	<i>[Signature]</i>



• PORTIONS OF SYSTEM WITHIN LICENSE RENEWAL SCOPE ARE BOUNDED BY LR FLAGS.  
 • UNLESS OTHERWISE INDICATED, VENTS, DRAINS AND TEST CONNECTIONS THAT ARE WITHIN LICENSE RENEWAL BOUNDARIES ARE INCLUDED IN LR SCOPE TO THE DISCHARGE OF THE VALVE.  
 • ALL INSTRUMENTATION LINES NORMALLY OPEN TO THE PROCESS SYSTEM, THROUGH AND INCLUDING THE INSTRUMENT, ARE INCLUDED IN LR SCOPE.  
 • IN GENERAL, LR FLAGS ARE NOT SHOWN FOR VENTS, DRAINS, TEST CONNECTIONS OR INSTRUMENT LINES EXCEPT FOR PENETRATION PENETRATIONS.  
 • THE LICENSE RENEWAL BOUNDARY INCLUDES THE PIPING AND SUPPORTS UP TO THE FIRST SEISMIC SUPPORT PAST THE BLUE BOUNDARY FLAG.

**EA-FC-00-115 2/03 3 of 4**

**FOR INFORMATION ONLY**

**NOTES:**

- AI-81-VI-Q AND AI-81-VII ARE 3-WAY VALVES. 180 DEGREE SWITCHING ACTUATION AND 90 DEGREE ACTUATION FOR CENTER OFF POSITION.
- ALL CHANNEL ELECTRONICS CAN BE INSULATED FROM CHASSIS/SKID GROUNDS USING INSULATING WASHERS, TAPE, GASKET MATERIAL OR OTHER APPROPRIATE INSULATING MATERIAL.

TOTAL PRESSURE LINE FROM FE-052-1  
 STATIC PRESSURE LINE FROM AUX BLDG VENT STACK  
 TEMPERATURE SIGNAL FROM TE-052-1

**COE**  
 Nuclear Safety Related

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMALS ANGLES ± 1/2°	DATE 9-20-92
PURCHASE ORDER # 8P18330	APPROVED <i>[Signature]</i> 7-20-92
RADIATION MONITORING SYSTEM MARK# RM-052	CONTRACT NO.
FORT CALHOUN STATION OMAHA PUBLIC POWER DISTRICT	
CAM-1006(VI)	
USED ON	

<b>NUCLEAR RESEARCH CORPORATION</b> WASHINGTON, PA 15764 U.S.A.	
TITLE <b>PIPING AND INSTRUMENTATION DIAGRAM, CAM-1006 (VI) RM-052</b>	DATE 9-20-92
SIZE <b>D</b>	CASE CODE <b>96696</b>
DRAWING NO. <b>800997-001</b>	REV. <b>3</b>