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CONT ON SHEET 4 SH NO. 3 TEST INSTRUCTIONS P3K-AL-0495-A01 1F1-B2 CONTROL VALVE POSITION CONTROL BWR FIRST MADE FOR CKT. DOARD ASSEMBLY 118D1364 G1,G2\* CONT ON SHEET 4 \*G2 instructions same as G1 except seciton E.1.c REVISIONS SUMMING AMPLIFIER (IC2) - STEADY STATE (continued) 2. (continued) - TP7, TP54, TP61, TP5, TP65 grounded 67,62 - TP58 - TP59 shorted Take out TP52 4 TP 57 shout
THEN:  $-1.02 < V_{TP3} / V_{TP56} < -.98$  (VR55, VR6 CCW) (0  $< V_{TP56} < 1.5$  VDC)  $-47.6 < V_{TP3} / V_{TP56} < -38.4$  (VR55, VR6 CW) 10000 (0 <  $V_{TP56} < 0.2$  VDC) c. Series Gains - TP57 - TP52 shorted - TP66, TP63, TP61 grounded 47 - Set  $-10 < V_{TP55} < 0 \text{ VDC } \sqrt{R7}$ - Apply necessary  $V_{TP56} > 0$  to keep amplifier from limiting VRY DO TRY HIVOL THEN when IC2 not limiting: (1) VR51 CCW, VR53 CCW  $-3.57 < V_{TP3} / V_{TP7} < -3.45 (V_{TP7} < V_{TP55})$ (2) VR51 CCW, VR53 CW  $-2.56 < V_{TP3} / V_{TP7} < -2.45 (V_{TP7} > V_{TP55})$  $-2.77 < v_{TP3} / v_{TP7} < -2.64 (v_{TP7} < v_{TP55})$ (3) VR51 CW, VR53 CW  $-.107 < V_{TP3} / V_{TP7} < -.087 (V_{TP7} > V_{TP55})$  $-.325 < v_{TP3} / v_{TP7} < -.27 (v_{TP7} < v_{TP55})$ (4) VR51 CW, VR53 CCW  $-.107 < V_{\text{TP3}} / V_{\text{TP7}} < -.087 \qquad (V_{\text{TP7}} > V_{\text{TP55}})$   $-1.13 < V_{\text{TP3}} / V_{\text{TP7}} < -1.07 \qquad (V_{\text{TP7}} < V_{\text{TP55}})$ PRINTS TO DIV OR P3K-AL-0495-A01 Steam Turbine 1550E0 Bept 27, 1977 LOCATION CONT ON SHEET 4

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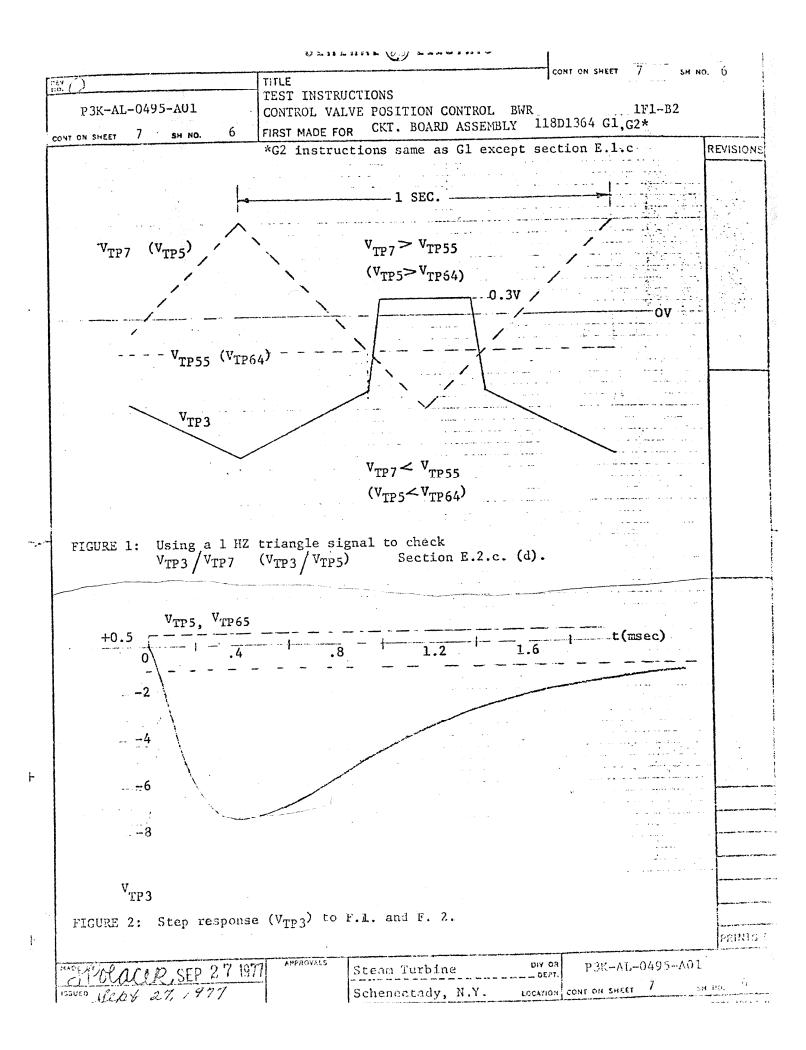
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CONT ON SHEET 6

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