

Application Modules Forms

AM88-600

**Implementation
Configuration Forms**

***Application Module
Forms***

**AM88-600
Release 640
12/02**

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About This Publication

This publication supports **TotalPlant** Solution (TPS) system network Release 640. TPS is the evolution of TDC 3000^X.

This manual consists of configuration forms. These forms are designed to facilitate the collection and organization of data for subsequent entry into the TPS system through the Universal Station.

The date (month/year) at the top of each form is changed only on those forms affected by the current document version.

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AM REGULATORY POINT CONFIGURATION

• AM - REGULATORY ASSIGNMENT DISPLAY

10.	TAG NAME (NAME)	<input type="text"/>
11.	UNIT ID (UNIT)	<input type="text"/>
12.	POINT DESCRIPTOR (PTDESC)	<input type="text"/>
13.	ENGR UNITS DESCRIPTOR (EUDESC)	<input type="text"/>
14.	POINT KEYWORD (KEYWORD)	<input type="text"/>
15.	POINT ASSOCDSP (ASSOCDSP)	<input type="text"/>
15A.	POINT CUSTOM DISPLAY (\$CDETAIL)	<input type="text"/> Default = All Blanks
16.	PRIMARY MODULE POINT ID (PRIMMOD)	<input type="text"/>
17.	POINT DISCLOSURE (PTDISCL)	<input checked="" type="checkbox"/> BRIEF <input type="checkbox"/> FULL

• AM -REGULATORY ALGORITHM SELECTION DISPLAY

<u>PV AND CONTROL ALGORITHMS</u>					
20.**	PV ALGORITHM (PVALGID)	NULL	<input checked="" type="checkbox"/> DATAACQ	FLOWCOMP	MIDOF3
		HILOAVG	SUMMER	MULDIV	SUMPROD
		VDTLDLAG	TOTALIZER	GENLIN	CALCULTR
		CL			
21.**	CONTROL ALGORITHM (CTLALGID)	<input checked="" type="checkbox"/> NULL	PID	PIDERFB	
		INCRSUM	LEA`DLAG	AUTOMAN	SUMMER
		MULDIV	RATIOCTL	ORSEL	SWITCH
		RAMPSOAK	CL		
<u>US DISPLAY OPTIONS</u>					
22.	OVERVIEW VALUE (OVERVAL)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
23.	1/0 DISPLAY SUPPRESSION (SUPPIO)	<input checked="" type="checkbox"/> NOSUPPR	<input type="checkbox"/> INPSUPPR	<input type="checkbox"/> OUTSUPPR	

AM REGULATORY POINT CONFIGURATION

• AM - SCHEDULING ASSIGNMENT DISPLAY

30.**	POINT ASSIGNED TO IPP (\$IPPASN)	ON	OFF		
31.A.***	POINT EXECUTION PERIOD (PERIOD) (\$IPPASN = OFF)	1 SEC	2 SEC	5 SEC	10 SEC
		15 SEC	30 SEC	1 MIN	2 MIN
		15 MIN	25 MIN	5 MIN	10 MIN
		15 MIN	30 MIN	1 HR	8 HR
		12 HR	24 HR	NOPERIOD	
31.B.***	POINT EXECUTION PERIOD (PERIOD) (\$IPPASN = ON)	5 SEC	10 SEC	15 SEC	30 SEC
		1 MIN	2 MIN	5 MIN	10 MIN
		15 MIN	30 MIN	1 HR	8 HR
		12 HR	24 HR	NOPERIOD	
32.***	BEFORE/AFTER/CYCLE OPTION (BEFAFT)	NO	BEFORE**	AFTER**	CYCLE**
33.***	TAG NAME OF BEFORE/AFTER (BEFAFTID)				
34.***	ABSOLUTE CYCLE NUMBER (NORMCYCL)				
34.A.***	ROLLING AVERAGE BUFFER (\$ROLLBUF)	1			
34.B.***	ROLLING AVERAGE BUFF BASE (\$ROLLBBS)	SEC	MIN	HR	
34.C.***	ROLLING AVERAGE FREQUENCY (\$ROLLFRQ)	1			
34.D.***	ROLLING AVERAGE FRQ BASE (\$ROLLFBS)	SEC	MIN	HR	

• AM - _REGULATORY PV COMMON DISPLAY

1.	PV DECIMAL PLACE FORMAT (PVFORMAT)	DO	D1	D2	D3
		D4	D5	D6	
2.	PV RANGE HIGH (PVEUHI)	1 0 0 . 0			
3.	PV RANGE LOW (PVEULO)	0 . 0			
4.	PV RANGE EXTENSION HIGH(PVEXEUHI)	1 0 2 . 9			
5.	PV RANGE EXTENSION LOW (PVEXEULO)	- 2 . 9			
6.	PV CLAMPING OPTION (PVCLAMP)	CLAMP	NOCLAMP		
7.**	PV SOURCE OPTION (PVSRCOPT)	ONLYAUTO	ALL**		
8.***	PV SOURCE (PVSOURCE)	AUTO	MAN	SUB	
9.**	PV FILTER OPTION (PVFLTOPT)	NONE	SINGLLAG		
10. ***	PV FILTER TIME CONSTANT (PVFLTOPT)	0 . 0			
11. *	PV TARGET VALUE (PVTV)	- - - - -			

AM REGULATORY PV DATA ACQUISITION ALGORITHM

• AM - REGULATORY PV DATA ACQUISITION DISPLAY

1.0** NUMBER OF INPUT CONNECTIONS (NOPINPTS)
(NOPINPTS)

2.0*** INPUT CONNECTIONS

	SOURCE POINT.PARAMETER PISRC(N)	DESTINATION PARAMETER PIDSTN(N)	ACTIVITY STATUS PIACTSTS(N)
2.1	1	P1	ACTIVE INACTIVE NOTCONFIG
2.2	2		ACTIVE INACTIVE NOTCONFIG
2.3	3		ACTIVE INACTIVE NOTCONFIG
2.4	4		ACTIVE INACTIVE NOTCONFIG
2.5	5		ACTIVE INACTIVE NOTCONFIG
2.6	6		ACTIVE INACTIVE NOTCONFIG
2.7	7		ACTIVE INACTIVE NOTCONFIG
2.8	8		ACTIVE INACTIVE NOTCONFIG

AM REGULATORY PV FLOW COMPENSATION ALGORITHM

• AM - REGULATORY PV FLOW COMP ALGORITHM DISPLAY

1.0**	ALGORITHM EQUATION TYPE (PVEQN)	EQA	EQB	EQC	EQD
		EQE			
2.0	SCALING CONSTANT (C)	1	.	0	
3.0	CORRECTION FACTOR (C1)	1	.	0	
4.0	CORRECTION FACTOR (C2)	1	.	0	
5.0	COMPENSATION TERM HIGH LIMIT (COMPHILM)	1	.	2	5
6.0	COMPENSATION TERM LOW LIMIT (COMPLOLM)	0	.	8	

AM REGULATORY PV FLOW COMPENSATION ALGORITHM
(Continued)

• AM - REGULATORY PV FLOW COMP ALGORITHM DISPLAY (Continued)

7.0***	<u>INPUT PARAMETERS</u>	<u>PVEQN</u>
7.1	SPECIFIC GRAVITY INPUT (G) 1 . 0	A, C, D
7.2	PRESSURE INPUT (P) 1 . 0	B, C, D, E
7.3	TEMPERATURE INPUT (T) 1 . 0	B, C, D, E
7.4	STEAM COMPRESSIBILITY INPUT (X) 1 . 0	E
7.5	STEAM QUALITY INPUT (Q) 1 . 0	E
8.0***	<u>REFERENCE CONSTANTS</u>	
8.1	REFERENCE SPECIFIC GRAVITY (RG) 1 . 0	A, C, D
8.2	REFERENCE ABSOLUTE PRESSURE (RP) 1 . 0	B, C, D, E
8.3	REFERENCE ABSOLUTE TEMPERATURE (RT) 1 . 0	B, C, D, E
8.4	REFERENCE STEAM COMPRESSIBILITY (RX) 1 . 0	E
8.5	REFERENCE STEAM QUALITY (RQ) 1 . 0	E
8.6	ZERO PRESSURE REFERENCE (PO) 0 . 0	B, C, D, E
8.7	ZERO TEMPERATURE REFERENCE (TO) 0 . 0	B, C, D, E

• AM - REGULATORY PV MIDDLE OF 3 ALGORITHM DISPLAY

1.0 ALGORITHM EQUATION TYPE (PVEQN) EQA EQB EQC

2.0* INPUT PARAMETERS

2.1* P2 INPUT PARAMETER VALUE | - | - | - | - | - | - | | |

2.2* P3 INPUT PARAMETER VALUE | - | - | - | - | - | - | | |

3.0** NUMBER OF INPUT CONNECTIONS (NOPINPTS) | 3 |

4.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT PARAMETER	DESTINATION PARAMETER	ACTIVE	ACTIVITY STATUS	
					INACTIVE	NOTCONFIG
4.1	1		P1	ACTIVE	INACTIVE	NOTCONFIG
4.2	2		P2	ACTIVE	INACTIVE	NOTCONFIG
4.3	3		P3	ACTIVE	INACTIVE	NOTCONFIG
4.4	4			ACTIVE	INACTIVE	NOTCONFIG
4.5	5			ACTIVE	INACTIVE	NOTCONFIG
4.6	6			ACTIVE	INACTIVE	NOTCONFIG
4.7	7			ACTIVE	INACTIVE	NOTCONFIG
4.8	8			ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY PV HI/LO/AVERAGE ALGORITHM

• AM - REGULATORY PV HI/LO/AVERAGE ALGORITHM DISPLAY

1.0**	ALGORITHM EQUATION TYPE (PVEQN)	<u>EQA</u>	EQB	EQC	
2.0**	NUMBER OF INPUTS (N)	<u>2</u>			
3.0	MINIMUM NO OF NON-BAD INPUTS (NMIN)	<u>1</u>			
4.0**	PERMIT INPUT TO BE FORCED (FRCPERM)	<u>OFF</u>	ON		
5.0**	INPUT TO BE FORCED (FSELIN)	<u>SELECTP1</u>	SELECTP2	SELECTP3	SELECTP4
		SELECTP5	SELECTP6	SELECTP7	SELECTP8
6.0***			<u>INPUT PARAMETERS</u>		PVEQN A, B only
6.1	P2 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.2	P3 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.3	P4 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.4	PS INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.5	P6 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.6	P7 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>
6.7	P8 INPUT PARAMETER VALUE		<u>-</u>	<u>-</u>	<u>-</u>

AM REGULATORY PV HI/LO/AVERAGE ALGORITHM
(Continued)

• AM - REGULATORY PV INPUT CONNECTIONS DISPLAY

7.0** NUMBER OF INPUT CONNECTIONS (NOPINPTS) 2

8.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER PISRC(N)	DESTINATION PARAMETER PIDSTN(N)	ACTIVITY STATUS	PIACTSTS(N)	
8.1	1	<input type="text"/>	<input type="text" value="P1"/>	ACTIVE	INACTIVE	NOTCONFIG
8.2	2	<input type="text"/>	<input type="text" value="P2"/>	ACTIVE	INACTIVE	NOTCONFIG
8.3	3	<input type="text"/>	<input type="text" value="P3"/>	ACTIVE	INACTIVE	NOTCONFIG
8.4	4	<input type="text"/>	<input type="text" value="P4"/>	ACTIVE	INACTIVE	NOTCONFIG
8.5	5	<input type="text"/>	<input type="text" value="P5"/>	ACTIVE	INACTIVE	NOTCONFIG
8.6	6	<input type="text"/>	<input type="text" value="P6"/>	ACTIVE	INACTIVE	NOTCONFIG
8.7	7	<input type="text"/>	<input type="text" value="P7"/>	ACTIVE	INACTIVE	NOTCONFIG
8.8	8	<input type="text"/>	<input type="text" value="P8"/>	ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY PV SUMMER ALGORITHM

• AM - REGULATORY PV SUMMER ALGORITHM DISPLAY

1.0**	ALGORITHM EQUATION TYPE (PVEQN)	EQA	EQB	PVEQN
2.0	OVERALL GAIN (C)	1 . 0		A, B
3.0	OUTPUT BIAS (D)	0 . 0		A, B
4.0***	NUMBER OF INPUTS (N)	2		B
5.0***	<u>INPUT SCALING FACTORS</u>			
5.1	SCALING FACTOR FOR INPUT P1 (C1)	1 . 0		B
5.2	SCALING FACTOR FOR INPUT P2 (C2)	1 . 0		B
5.3	SCALING FACTOR FOR INPUT P3 (C3)	1 . 0		B
5.4	SCALING FACTOR FOR INPUT P4 (C4)	1 . 0		B
5.5	SCALING FACTOR FOR INPUT P5 (C5)	1 . 0		B
5.6	SCALING FACTOR FOR INPUT P6 (C6)	1 . 0		B
5.7	SCALING FACTOR FOR INPUT P7 (C7)	1 . 0		B
5.8	SCALING FACTOR FOR INPUT P8 (C8)	1 . 0		B

AM REGULATORY PV SUMMER ALGORITHM
(Continued)

• AM - REGULATORY PV INPUT CONNECTIONS DISPLAY

		<u>PVEQN</u>	<u>NOPINPTS</u>	<u>DEFAULT VALUE</u>
6.0**	NUMBER OF INPUT CONNECTIONS (NOPINPTS)	1	A	1
			B	2

7.0***

INPUT CONNECTIONS

INPUT	SOURCE POINT.PARAMETER PISRC(N)	DESTINATION PARAMETER PIDSTN(N)	ACTIVITY	STATUS	PIACTSTS(N)
7.1	1	P1	ACTIVE	INACTIVE	NOTCONFIG
7.2	2	P2	ACTIVE	INACTIVE	NOTCONFIG
7.3	3	P3	ACTIVE	INACTIVE	NOTCONFIG
7.4	4	P4	ACTIVE	INACTIVE	NOTCONFIG
7.5	5	P5	ACTIVE	INACTIVE	NOTCONFIG
7.6	6	P6	ACTIVE	INACTIVE	NOTCONFIG
7.7	7	P7	ACTIVE	INACTIVE	NOTCONFIG
7.8	8	P8	ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY PV MUL/DIV ALGORITHM

• AM - REGULATORY PV MUL/DIV ALGORITHM DISPLAY

1.0** ALGORITHM EQUATION TYPE (PVEQN) EQA EQB EQC

2.0 OVERALL SCALING CONSTANT (C) | 1 | . | 0 | | | | | | |

3.0 OVERALL BIAS CONSTANT (D) | 0 | . | 0 | | | | | | |

4.0*** INPUT SCALING AND BIAS CONTANTS

	<u>INPUT</u>	<u>SCALING CONSTANT</u>	<u>BIAS CONSTANT</u>	<u>PVEQN</u>
4.1	1	1 . 0	0 . 0	A, B, C
4.2	2	1 . 0	0 . 0	A, B, C
4.3	3	1 . 0	0 . 0	C
4.4	4	1 . 0	0 . 0	C
4.5	5	1 . 0	0 . 0	C
4.6	6	1 . 0	0 . 0	C
4.7	7	1 . 0	0 . 0	C

5.0*** INPUT PARAMETERS

5.1	P2 INPUT PARAMETER VALUE	1 . 0	A, B, C
5.2	P3 INPUT PARAMETER VALUE	1 . 0	C
5.3	P4 INPUT PARAMETER VALUE	1 . 0	C
5.4	P5 INPUT PARAMETER VALUE	1 . 0	C
5.5	P6 INPUT PARAMETER VALUE	1 . 0	C
5.6	P7 INPUT PARAMETER VALUE	0 . 0	C

AM REGULATORY PV MUL/DIV ALGORITHM
(Continued)

• AM - REGULATORY PV INPUT CONNECTIONS DISPLAY

6.0**	NUMBER OF INPUT CONNECTIONS (NOPINPTS)	2	<u>PVEQN</u> A, B C	<u>NOPINPTS</u> 2 7	<u>DEFAULT VALUE</u>
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7.0***

INPUT CONNECTIONS

INPUT	SOURCE POINT . PARAMETER PISRC (N)	DESTINATION PARAMETER PIDSTN (N)	ACTIVITY	STATUS PIACTSTS (N)
7.1	1	P1	ACTIVE	INACTIVE NOTCONFIG
7.2	2	P2	ACTIVE	INACTIVE NOTCONFIG
7.3	3	P3	ACTIVE	INACTIVE NOTCONFIG
7.4	4	P4	ACTIVE	INACTIVE NOTCONFIG
7.5	5	P5	ACTIVE	INACTIVE NOTCONFIG
7.6	6	P6	ACTIVE	INACTIVE NOTCONFIG
7.7	7	P7	ACTIVE	INACTIVE NOTCONFIG
7.8	8		ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY PV SUM OF PRODUCTS ALGORITHM

• AM - REGULATORY PV SUM OF PRODUCTS ALGORITHM DISPLAY

1.0** ALGORITHM EQUATION TYPE (PVEQN) EQA EQB

2.0 OVERALL SCALING CONSTANT (C) 1 | . | 0 | | | | | |

3.0 OVERALL BIAS CONSTANT (D) 0 | . | 0 | | | | | |

4.0*** INPUT SCALING AND BIAS CONTANTS

	<u>INPUT</u>	<u>SCALING CONSTANT</u>	<u>BIAS CONSTANT</u>	<u>PVEQN</u>
4.1	1	1 . 0	0 . 0	A, B
4.2	2	1 . 0	0 . 0	A, B
4.3	3	1 . 0	0 . 0	A, B
4.4	4	1 . 0	0 . 0	A, B
4.5	5	1 . 0	0 . 0	B
4.6	6	1 . 0	0 . 0	B
4.7	7	1 . 0	0 . 0	B

5.0*** INPUT PARAMETERS

5.1	P2 INPUT PARAMETER VALUE	1 . 0	A, B
5.2	P3 INPUT PARAMETER VALUE	1 . 0	A, B
5.3	P4 INPUT PARAMETER VALUE	1 . 0	A, B
5.4	P5 INPUT PARAMETER VALUE	0 . 0	B
5.5	P6 INPUT PARAMETER VALUE	0 . 0	B
5.6	P7 INPUT PARAMETER VALUE	0 . 0	B

AM REGULATORY PV SUM OF PRODUCTS ALGORITHM
(Continued)

• AM - REGULATORY PV INPUT CONNECTIONS DISPLAY

		<u>PVEQN</u>	<u>NOPINPTS DEFAULT VALUE</u>
6.0**	NUMBER OF INPUT CONNECTIONS (NOPINPTS)	4	4
		A	7
		B	

7.0***

INPUT CONNECTIONS

	INPUT	SOURCE POINT. PARAMETER PISRC (N)	DESTINATION PARAMETER PIDSTN (N)		ACTIVITY STATUS PIACTSTS (N)	
7.1	1	_____	P1	ACTIVE	INACTIVE	NOTCONFIG
7.2	2	_____	P2	ACTIVE	INACTIVE	NOTCONFIG
7.3	3	_____	P3	ACTIVE	INACTIVE	NOTCONFIG
7.4	4	_____	P4	ACTIVE	INACTIVE	NOTCONFIG
7.5	5	_____		ACTIVE	INACTIVE	NOTCONFIG
7.6	6	_____		ACTIVE	INACTIVE	NOTCONFIG
7.7	7	_____		ACTIVE	INACTIVE	NOTCONFIG
7.8	8	_____		ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY PV VDT LEAD/LAG ALGORITHM

• AM - REGULATORY PV VDT LEAD/LAG ALGORITHM DISPLAY

1.0**	ALGORITHM EQUATION TYPE (PVEQN)	<u>EQA</u>	EQB	EQC	EQD	<u>PVEQN***</u>
2.0***	OVERALL SCALING CONSTANT (C)	1 . 0				A, B, C, D
3.0	OVERALL BIAS CONSTANT (D)	0 . 0				A, B, C, D
4.0	LAG 1 TIME CONSTANT (TLG1 IN MIN)	0 . 0				A, D
5.0	LAG 2 TIME CONSTANT (TLG2 IN MIN)	0 . 0				A, D
6.0	ZERO CUTOFF LIMIT (CUTOFFLM)	0 . 0				C, D
7.0	LEAD TIME CONSTANT (TLD IN MIN)	0 . 0				A
8.0	FIXED DEAD TIME VALUE (TD IN MIN)	0 . 0				B
9.0	VDT SCALING CONSTANT 1 (C1)	1 . 0				C, C
10.0	VDT SCALING CONSTANT 2 (C2)	1 . 0				C, D
11.0	FIXED DEAD TIME (D1)	0 . 0				C, D
12.0	BIAS CONSTANT FOR P2 INPUT (D2)	0 . 0				C, D

AM REGULATORY PV VDT LEAD/LAG ALGORITHM
(Continued)

• AM - REGULATORY PV INPUT CONNECTIONS DISPLAY

13.0**	NUMBER OF INPUT CONNECTIONS (NOPINPTS)	<input type="text" value="1"/>	<u>PVEQN</u> A, B C, D	<u>NOPINPTS</u>	<u>DEFAULT VALUE</u> 1 2
--------	--	--------------------------------	------------------------------	-----------------	--------------------------------

14.0*** INPUT CONNECTIONS

INPUT	SOURCE POINT .PARAMETER PISRC (N)	DESTINATION PARAMETER PIDSTN (N)	ACTIVITY STATUS PIACTSTS (N)
14.1	1	P1	ACTIVE INACTIVE NOTCONFIG
14.2	2	P2	ACTIVE INACTIVE NOTCONFIG
14.3	3		ACTIVE INACTIVE NOTCONFIG
14.4	4		ACTIVE INACTIVE NOTCONFIG
14.5	5		ACTIVE INACTIVE NOTCONFIG
14.6	6		ACTIVE INACTIVE NOTCONFIG
14.7	7		ACTIVE INACTIVE NOTCONFIG
14.8	8		ACTIVE INACTIVE NOTCONFIG

AM REGULATORY PV TOTALIZER ALGORITHM

• AM - REGULATORY PV TOTALIZER ALGORITHM DISPLAY

1.0	ALGORITHM EQUATION TYPE (PVEQN)	<u>EQA</u>	EQB	EQC	EQD
		EQE	EQF		
2.0	INPUT TIME BASE (TIMEBASE)	SECONDS	<u>MINUTES</u>	HOURS	
3.0	SCALING CONSTANT (C)	1 . 0			
4.0	PRESET VALUE (RESETVAL)	0 . 0			
5.0	ZERO FLOW CUTOFF LIMIT (CUTOFFLM)	0 . 0			
6.0	ACCUMULATED TARGET VALUE (AVTV)	- - - - - -			
7.0	FIRST DEVIATION TRIP POINT (AVDEV1TP)	- - - - - -			
8.0	SECOND DEVIATION TRIP POINT (AVDEV2TP)	- - - - - -			

AM REGULATORY PV TOTALIZER ALGORITHM
(Continued)

• AM - REGULATORY PV TOTALIZER ALGORITHM DISPLAY (Continued)

13.0** NUMBER OF CONNECTIONS (NOPINPTS) 1

14.0*** INPUT CONNECTIONS

INPUT	SOURCE POINT .PARAMETER PISRC (N)	DESTINATION PARAMETER PIDSTN (N)	ACTIVITY STATUS PIACTSTS (N)
14.1	1	P1	ACTIVE INACTIVE NOTCONFIG
14.2	2		ACTIVE INACTIVE NOTCONFIG
14.3	3		ACTIVE INACTIVE NOTCONFIG
14.4	4		ACTIVE INACTIVE NOTCONFIG
14.5	5		ACTIVE INACTIVE NOTCONFIG
14.6	6		ACTIVE INACTIVE NOTCONFIG
14.7	7		ACTIVE INACTIVE NOTCONFIG
14.8	8		ACTIVE INACTIVE NOTCONFIG

1.0** NUMBER OF SEGMENTS (SEGTOT)

2.0 CHARACTERISTIC CURVE COORDINATE PAIRS

	<u>IN COORDINATE</u>	<u>VALUE</u>	<u>OUT COORDINATE</u>	<u>VALUE</u>
2.1	INO	<input type="text"/>	OUT0	<input type="text"/>
2.2	IN1	<input type="text"/>	OUT1	<input type="text"/>
2.3	IN2	<input type="text"/>	OUT2	<input type="text"/>
2.4	IN3	<input type="text"/>	OUT3	<input type="text"/>
2.5	IN4	<input type="text"/>	OUT4	<input type="text"/>
2.6	IN5	<input type="text"/>	OUT5	<input type="text"/>
2.7	IN6	<input type="text"/>	OUT6	<input type="text"/>
2.8	IN7	<input type="text"/>	OUT7	<input type="text"/>
2.9	IN8	<input type="text"/>	OUT8	<input type="text"/>
2.10	IN9	<input type="text"/>	OUT9	<input type="text"/>
2.11	IN10	<input type="text"/>	OUT10	<input type="text"/>
2.12	IN11	<input type="text"/>	OUT11	<input type="text"/>
2.13	IN12	<input type="text"/>	OUT12	<input type="text"/>

AM REGULATORY PV GENERAL LINEARIZATION
(Continued)

• AM - REGULATORY PV GENERAL/LINEAR ALGORITHM DISPLAY (Continued)

3.0** NUMBER OF INPUT CONNECTIONS (NOPINPTS) 1

4.0*** INPUT CONNECTIONS

INPUT	SOURCE POINT.PARAMETER PISRC(N)	DESTINATION PARAMETER PIDSTN(N)	ACTIVITY STATUS PIACTSTS(N)
4.1	1	P1	ACTIVE INACTIVE NOTCONFIG
4.2	2		ACTIVE INACTIVE NOTCONFIG
4.3	3		ACTIVE INACTIVE NOTCONFIG
4.4	4		ACTIVE INACTIVE NOTCONFIG
4.5	5		ACTIVE INACTIVE NOTCONFIG
4.6	6		ACTIVE INACTIVE NOTCONFIG
4.7	7		ACTIVE INACTIVE NOTCONFIG
4.8	8		ACTIVE INACTIVE NOTCONFIG

AM REGULATORY PV CALCULATOR ALGORITHM

• AM - REGULATORY PV CALCULATOR ALGORITHM DISPLAY

1.0	NUMBER OF INPUTS (N)	<table border="1"><tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	2									
2												
2.0	CALCULATOR CONSTANT #1 (C1)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										
3.0	CALCULATOR CONSTANT #2 (C2)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										
4.0	CALCULATOR CONSTANT #3 (C3)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										
5.0	CALCULATOR CONSTANT #4 (C4)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										
6.0	CALCULATOR EXPRESSION (CALCEXP)	<table border="1"><tr><td colspan="10"> </td></tr></table>										
7.0	SCALING FACTOR #1 (D1)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										
8.0	SCALING FACTOR #2 (D2)	<table border="1"><tr><td>0</td><td>.</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	0	.	0							
0	.	0										

AM REGULATORY PV CALCULATOR ALGORITHM
(Continued)

• AM - REGULATORY PV CALCULATOR ALGORITHM DISPLAY (Continued)

13.0** NUMBER OF INPUT CONNECTIONS (NOPINPTS)

14.0*** INPUT CONNECTIONS

INPUT	SOURCE POINT.PARAMETER PISRC(N)	DESTINATION PARAMETER PIDSTN(N)	ACTIVITY	STATUS
14.1	<input type="text"/>	<input type="text" value="P1"/>	ACTIVE	INACTIVE NOTCONFIG
14.2	<input type="text"/>	<input type="text" value="P2"/>	ACTIVE	INACTIVE NOTCONFIG
14.3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
14.4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
14.5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
14.6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL MODE AND SET POINT FORM

• AM - REGULATORY CONTROL COMMON DISPLAY

1.0**	NORMAL MODE (NMODE)	NONE	MAN	AUTO	CAS
2.0***	NORMAL MODE ATTRIBUTE (NMODATTR)	NONE	OPERATOR	PROGRAM	
3.0	MODE PERMISSIVE (MODEPERM)	PERMIT	NOTPERM		
4.0	EXT. MODE SWITCHING OPTION (EXTSWOPT)	NONE	EMS	EMP	
5.0	MODE SELECTION LIST (\$MODESEL)	MAN	CAS	PROG	
		AUTO			

• AM - REGULATORY SET POINT DISPLAY

		DO	D1	D2	D3	D4	D5
10.0	SP DECIMAL PLACE FORMAT (SPFORMAT)						
11.0	SET POINT EU RANGE HIGH (SPEUHI)	1	0	0	.	0	
12.0	SET POINT EU RANGE LOW (SPEULO)	0	.	0			
13.0	SET POINT HIGH LIMIT (SPHILM)	-	-	-	-	-	
14.0	SET POINT LOW LIMIT (SPLOLM)	-	-	-	-	-	
15.0	SET POINT TOLERANCE (\$SPTOL)	0	.	0			
16.0	SET POINT (SP)	0	.	0			
17.0*	SET POINT OPTION (SPOPT)	NONE		TV		ASP	
18.0*	ADV DEV ALARM TRIP POINT (ADVDEVTP)	-	-	-	-	-	
19.0**	RATIO/BIAS OPTION (RBOPT)	NORATBI		FIXRATBI		AUTORAT	AUTOBI
20.0	RATIO HIGH LIMIT (RTHILM)	1	0	0	.	0	
21.0***	RATIO LOW LIMIT (RTLLOLM)	0	.	0	1		
22.0	BIAS HIGH LIMIT (BSHILM)	5	0	.	0		
23.0	BIAS LOW LIMIT (BSLOLM)	-	5	0	.	0	
24.0	RATIO (RATIO)	1	.	0			
25.0	BIAS (BIAS)	0	.	0			

AM REGULATORY CONTROL PID ALGORITHM

• AM - REGULATORY CONTROL PID ALGORITHM DISPLAY

1.0*	ALGORITHM FORM (PIDFORM)	INTERACT	IDEAL		
2.0	ALGORITHM EQUATION TYPE (CTLEQN)	EQA	EQB	EQC	EQD
3.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT		
4.0	CONTROL ACTION (CTLACTN)	REVERSE	DIRECT		
5.0***	GAIN OPTION (GAINOPT)	LIN**	GAP**	NONLIN**	EXT**
6.0***	OVERALL GAIN VALUE (K)	1 . 0			
7.0	LINEAR GAIN VALUE (KLIN)	1 . 0			
8.0***	INSIDE-GAP GAIN FACTOR (KGAP)	1 . 0			
9.0***	GAP RANGE HIGH (GAPHI)	0 . 0			
10.0***	GAP RANGE LOW (GAPLO)	0 . 0			
11.0***	NON-LINEAR GAIN (NLGAIN)	0 . 0			
12.0***	NON-LINEARITY FORM (NLFM)	NLFM =1	NLFM =0		
13.0*	INTEGRAL TIME (T1 IN MIN)	0 . 0			
14.0*	DERIVATIVE TIME (T2 IN MIN)	0 . 0			

AM REGULATORY CONTROL PID ALGORITHM
(Continued)

• AM - REGULATORY CONTROL PID ALGORITHM DISPLAY (Continued)

15.0* PV TRACKING OPTION (PVTRACK) NOTRACK TRACK

• AM - REGULATORY CONTROL INPUT CONNECTIONS DISPLAY

16.0** NUMBER OF INPUT CONNECTIONS (NOCINPTS) | 1 |

17.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC (N)	DESTINATION PARAMETER CIDSTN (N)	ACTIVITY STATUS CIACTSTS (N)	
17.1	1		PV	ACTIVE	INACTIVE NOTCONFIG
17.2	2			ACTIVE	INACTIVE NOTCONFIG
17.3	3			ACTIVE	INACTIVE NOTCONFIG
17.4	4			ACTIVE	INACTIVE NOTCONFIG
17.5	5			ACTIVE	INACTIVE NOTCONFIG
17.6	6			ACTIVE	INACTIVE NOTCONFIG
17.7	7			ACTIVE	INACTIVE NOTCONFIG
17.8	8			ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL PID ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

20.0** NUMBER OF OUTPUT CONNECTIONS (NOCOPTS) 1

21.0***

OUTPUT	DESTINATION POINT_ID.PARAMETER CODSTN(N)	CONNECTION ACTIVITY COACTSTS(N)	STATUS
21.1	1	ACTIVE	INACTIVE NOTCONFIG
21.2	2	ACTIVE	INACTIVE NOTCONFIG
21.3	3	ACTIVE	INACTIVE NOTCONFIG
21.4	4	ACTIVE	INACTIVE NOTCONFIG
21.5	5	ACTIVE	INACTIVE NOTCONFIG
21.6	6	ACTIVE	INACTIVE NOTCONFIG
21.7	7	ACTIVE	INACTIVE NOTCONFIG
21.8	8	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL PID ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL LEAD/LAG ALGORITHM

• AM - REGULATORY CONTROL LEAD/LAG ALGORITHM DISPLAY

1.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT	NONE					
2.0	OUTPUT BIAS (B)	0	.	0					
3.0	OVERALL GAIN (K)	1	.	0					
4.0	LAG 1 TIME CONSTANT (T1 IN MIN)	0	.	0					
5.0	LAG 2 TIME CONSTANT (T3 IN MIN)	0	.	0					
6.0	LEAD TIME CONSTANT (T2 IN MIN)	0	.	0					

AM REGULATORY CONTROL LEAD/LAG ALGORITHM

• AM - REGULATORY CONTROL LEAD/LAG ALGORITHM DISPLAY (Continued)

7.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS)

8.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT .PARAMETER CISRC(N)	DESTINATION PARAMETER CIDSTN(N)	ACTIVITY	STATUS	CIACTSTS(N)
8.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY CONTROL LEAD/LAG ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY

10.0** NUMBER OF OUTPUT CONNECTIONS (NOCOPTS) 1

OUTPUT	DESTINATION POINT_ID.PARAMETER CODSTN(N)	CONNECTION ACTIVITY STATUS COACTSTS(N)
11.1	1	ACTIVE INACTIVE NOTCONFIG
11.2	2	ACTIVE INACTIVE NOTCONFIG
11.3	3	ACTIVE INACTIVE NOTCONFIG
11.4	4	ACTIVE INACTIVE NOTCONFIG
11.5	5	ACTIVE INACTIVE NOTCONFIG
11.6	6	ACTIVE INACTIVE NOTCONFIG
11.7	7	ACTIVE INACTIVE NOTCONFIG
11.8	8	ACTIVE INACTIVE NOTCONFIG

AM REGULATORY CONTROL LEAD/LAG ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

12.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
13.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
14.0***	CONTROL OUTPUT (OP)	0 . 0
15.0	OP HIGH LIMIT VALUE IN (OPHILM)	1 0 5 . 0
16.0	OP LOW LIMIT VALUE IN (OPLOLM)	- 5 . 0
17.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
18.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
19.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL SUMMER ALGORITHM

• AM - REGULATORY CONTROL SUMMER ALGORITHM DISPLAY

1.0**	ALGRITHM EQUATION TYPE (CTLEQN)	EQA	EQB		
2.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT	NONE	CTLEQN
3.0	OUTPUT BIAS (B)	0	.	0	all
4.0	OVERALL GAIN (K)	1	.	0	all
5.0**	NUMBER OF INPUTS (M)	2			B
6.0	GAIN FOR INPUT SP (K1)	1	.	0	B
7.0***	GAIN FOR INPUT X2(K2)	1	.	0	B
8.0***	GAIN FOR INPUT X3(K3)	1	.	0	B
9.0***	GAIN FOR INPUT X4 (K4)	1	.	0	B

AM REGULATORY CONTROL SUMMER ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL MUL/DIV ALGORITHM

• AM - REGULATORY CONTROL MUL/DIV ALGORITHM DISPLAY

1.0**	ALGORITHM EQUATION TYPE (CTLEQN)	EQA	EQB	EQC		
2.0**	INITIALIZATION TYPE (INITTYPE)	EXT	INT	NONE		
3.0	OVERALL GAIN (K)	1 . 0				
4.0***	OUTPUT BIAS (B)	1 . 0				
5.0***	<u>GAIN AND BIAS FACTORS</u>					
<u>EQN***</u>						
A, B, C	5.1 GAIN FOR INPUT SP (K1)	1 . 0		5.5 BIAS FOR INPUT SP (B1)	0 . 0	
A, B, C	5.2 GAIN FOR INPUT X2 (K2)	1 . 0		5.6 BIAS FOR INPUT X2 (B2)	0 . 0	
B, C	5.3 GAIN FOR INPUT X3 (K3)	1 . 0		5.7 BIAS FOR INPUT X3 (B3)	0 . 0	
B, C	5.4 GAIN FOR INPUT X4 (K4)	0 . 0		5.8 BIAS FOR INPUT X4 (B4)	0 . 0	
6.0	<u>INPUT PARAMETERS</u>					
A, B, C	6.1 X2 INPUT PARAMETER VALUE	1 . 0				
B, C	6.2 X3 INPUT PARAMETER VALUE	1 . 0				
B, C	6.3 X4 INPUT PARAMETER VALUE	0 . 0				

AM REGULATORY CONTROL MUL/DIV ALGORITHM
(Continued)

• AM - REGULATORY CONTROL INPUT CONNECTIONS DISPLAY

10.0**	NUMBER OF INPUT CONNECTIONS (NOCINPTS)	1	<u>CTLEQN</u>	<u>NOCINPTS DEFAULT VALUE</u>
			A	1
			B, C	3

11.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC (N)	DESTINATION PARAMETER CIDSTN (N)		ACTIVITY STATUS CIACTSTS (N)	
11.1	1	_____	X2	ACTIVE	INACTIVE	NOTCONFG
11.2	2	_____	X3	ACTIVE	INACTIVE	NOTCONFG
11.3	3	_____	X4	ACTIVE	INACTIVE	NOTCONFG
11.4	4	_____	_____	ACTIVE	INACTIVE	NOTCONFG
11.5	5	_____	_____	ACTIVE	INACTIVE	NOTCONFG
11.6	6	_____	_____	ACTIVE	INACTIVE	NOTCONFG
11.7	7	_____	_____	ACTIVE	INACTIVE	NOTCONFG
11.8	8	_____	_____	ACTIVE	INACTIVE	NOTCONFG

AM REGULATORY CONTROL MUL/DIV ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY

20.0** NUMBER OF OUTPUT CONNECTIONS (NOCOPTS) 1

21.0*** OUTPUT CONNECTIONS

OUTPUT	DESTINATION POINT_ID.PARAMETER CODSTN(N)	CONNECTION ACTIVITY COACTSTS(N)	STATUS
21.1	1	ACTIVE	INACTIVE NOTCONFIG
21.2	2	ACTIVE	INACTIVE NOTCONFIG
21.3	3	ACTIVE	INACTIVE NOTCONFIG
21.4	4	ACTIVE	INACTIVE NOTCONFIG
21.5	5	ACTIVE	INACTIVE NOTCONFIG
21.6	6	ACTIVE	INACTIVE NOTCONFIG
21.7	7	ACTIVE	INACTIVE NOTCONFIG
21.8	8	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL MUL/DIV ALGORITHM_
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL PID WITH EXTERNAL FEEDBACK ALGORITHM

• AM - REGULATORY CONTROL ERFB PID ALGORITHM DISPLAY

1.0*	ALGORITHM FORM (PIDFORM)	INTERACT	IDEAL		
2.0	ALGORITHM EQUATION TYPE (CTLEQN)	EQA	EQB	EQC	EQD
3.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT		
4.0	CONTROL ACTION (CTLACTN)	REVERSE	DIRECT		
5.0***	GAIN OPTION (GAINOPT)	LIN**	GAP**	NONLIN**	EXT**
6.0***	OVERALL GAIN VALUE (K)	1	.	0	
7.0	LINEAR GAIN VALUE (KLIN)	1	.	0	
8.0***	INSIDE-GAP GAIN FACTOR (KGAP)	1	.	0	
9.0***	GAP RANGE HIGH (GAPHI)	0	.	0	
10.0***	GAP RANGE LOW (GAPLO)	0	.	0	
11.0***	NON-LINEAR GAIN (NLGAIN)	0	.	0	
12.0***	NON-LINEARITY FORM (NLFM)	NLFM =1	NLFM =0		
13.0*	INTEGRAL TIME (T1 IN MIN)	0	.	0	
14.0*	DERIVATIVE TIME (T2 IN MIN)	0	.	0	

AM REGULATORY CONTROL PID WITH EXTERNAL FEEDBACK ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL PID WITH FEEDFORWARD ALGORITHM

• AM - REGULATORY PID CONTROL FFWD ALGORITHM DISPLAY

1.0**	ALGORITHM FORM (PIDFORM)	INTERACT	IDEAL		
2.0	ALGORITHM EQUATION TYPE (CTLEQN)	EQA	EQB	EQC	EQD
3.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT		
4.0	CONTROL ACTION (CTLACTN)	REVERSE	DIRECT		
5.0***	GAIN OPTION (GAINOPT)	LIN**	GAP**	NONLIN**	EXT**
6.0***	OVERALL GAIN VALUE (K)	1	.	0	
7.0	LINEAR GAIN VALUE (KLIN)	1	.	0	
8.0***	INSIDE-GAP GAIN FACTOR (KGAP)	1	.	0	
9.0***	GAP RANGE LOW (GAPLO)	0	.	0	
10.0***	GAP RANGE HIGH (GAPHI)	0	.	0	
11.0***	NON-LINEAR GAIN (NLGAIN)	0	.	0	
12.0***	NON-LINEARITY FORM (NLFM)	NLFM =1	NLFM =0		
13.0*	INTEGRAL TIME (T1/IN MIN)	0	.	0	
14.0	DERIVATIVE TIME (T2/IN MIN)	0	.	0	
15.0	FEED-FORWARD TYPE (FFOPT)	ADD	MULTIPLY		
16.0	FEED-FORWARD INPUT BIAS (BFF)	0	.	0	

AM REGULATORY CONTROL PID WITH FEEDFORWARD ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

30.0** NUMBER OF OUTPUT CONNECTIONS (NOCOPTS) 1

31.0*** OUTPUT CONNECTIONS

	OUTPUT	DESTINATION POINT_ID.PARAMETER CODSTN(N)	CONNECTION ACTIVITY COACTSTS(N)	STATUS
31.1	1	_____	ACTIVE	INACTIVE NOTCONFIG
31.2	2	_____	ACTIVE	INACTIVE NOTCONFIG
31.3	3	_____	ACTIVE	INACTIVE NOTCONFIG
31.4	4	_____	ACTIVE	INACTIVE NOTCONFIG
31.5	5	_____	ACTIVE	INACTIVE NOTCONFIG
31.6	6	_____	ACTIVE	INACTIVE NOTCONFIG
31.7	7	_____	ACTIVE	INACTIVE NOTCONFIG
31.8	8	_____	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL PID WITH FEEDFORWARD ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

32.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
33.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
34.0***	CONTROL OUTPUT (OP)	0 . 0
35.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
36.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
37.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
38.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
39.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

• AM - REGULATORY CONTROL INCR/SUM ALGORITHM DISPLAY

1.0	INITIALIZATION TYPE (INITTYPE)	<input type="text" value="EXT"/>	<input type="text" value="INT"/>
2.0	OVERRIDE BIAS LIMIT (ORBIAS)	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	
3.0**	NUMBER OF INPUTS (M)	<input type="text" value="2"/>	
4.0	ENGR UNITS RANGE HIGH (XEUHI)	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	
5.0	ENGR UNITS RANGE LOW (XEULO)	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	

AM REGULATORY CONTROL INCREMENTAL SUMMER ALGORITHM
(Continued)

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• AM - REGULATORY CONTROL INPUT CONNECTIONS DISPLAY

20.0**	NUMBER OF INPUT CONNECTIONS (NOCINPTS)	0	<u>CTLEQN</u>	<u>NOCINPTS</u>	<u>DEFAULT</u>	<u>VALUE</u>
			A			0
			B			1

21.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT.PARAMETER CISRC(N)	DESTINATION PARAMETER CIDSTN(N)		ACTIVITY STATUS CIACTSTS(N)	
21.1	1		X2	ACTIVE	INACTIVE	NOTCONFG
21.2	2		X3	ACTIVE	INACTIVE	NOTCONFG
21.3	3		X4	ACTIVE	INACTIVE	NOTCONFG
21.4	4			ACTIVE	INACTIVE	NOTCONFG
21.5	5			ACTIVE	INACTIVE	NOTCONFG
21.6	6			ACTIVE	INACTIVE	NOTCONFG
21.7	7			ACTIVE	INACTIVE	NOTCONFG
21.8	8			ACTIVE	INACTIVE	NOTCONFG

AM REGULATORY CONTROL INCREMENTAL SUMMER ALGORITHM
(Continued)

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• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY

30.0** NUMBER OF OUTPUT CONNECTIONS (NOCOPTS) 1

31.0*** OUTPUT CONNECTIONS

OUTPUT	DESTINATION POINT_ID.PARAMETER CODSTN(N)	CONNECTION ACTIVITY COACTSTS(N)	STATUS
31.1	1	ACTIVE	INACTIVE NOTCONFIG
31.2	2	ACTIVE	INACTIVE NOTCONFIG
31.3	3	ACTIVE	INACTIVE NOTCONFIG
31.4	4	ACTIVE	INACTIVE NOTCONFIG
31.5	5	ACTIVE	INACTIVE NOTCONFIG
31.6	6	ACTIVE	INACTIVE NOTCONFIG
31.7	7	ACTIVE	INACTIVE NOTCONFIG
31.8	8	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL INCREMENTAL SUMMER ALGORITHM
(Continued)

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• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

32.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
33.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
34.0***	CONTROL OUTPUT (OP)	0 . 0
35.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
36.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
37.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
38.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
39.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

• AM - REGULATORY CONTROL AUTO/MANUAL ALGORITHM DISPLAY

1.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT	NONE
2.0	OUTPUT BIAS (B)	0 . 0		
3.0**	RAMP RATE FOR OUTPUT BIAS (RATE 1)	0 . 0		
4.0	ENGR UNITS RANGE HIGH (XEUHI)	1 0 0 . 0		
5.0	ENGR UNITS RANGE LOW (XEULO)	0 . 0		

AM REGULATORY CONTROL AUTO/MANUAL ALGORITHM
(Continued)

• AM - REGULATORY CONTROL AUTO/MANUAL ALGORITHM DISPLAY (Continued)

6.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS) 0

7.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC (N)	DESTINATION PARAMETER CIDSTN (N)	ACTIVITY STATUS	CIACTSTS (N)
7.1	1	<input type="text"/>	<input type="text" value="X1"/>	ACTIVE	INACTIVE NOTCONFIG
7.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG
7.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFIG

AM REGULATORY CONTROL AUTO/MANUAL ALGORITHM_
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

12.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
13.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
14.0***	CONTROL OUTPUT (OP)	0 . 0
15.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
16.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
17.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
18.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
19.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL RATIO ALGORITHM

• AM - REGULATORY CONTROL RATIO ALGORITHM DISPLAY

1.0	INITIALIZATION TYPE (INITTYPE)	<input checked="" type="checkbox"/> EXT	<input type="checkbox"/> INT	<input type="checkbox"/> NONE
2.0	BIAS CONSTANT ONE (B1)	0 . 0		
3.0**	BIAS CONSTANT TWO (B2)	0 . 0		
4.0	GAIN CONSTANT ONE (K1)	1 . 0		
5.0	GAIN CONSTANT TWO (K2)	1 . 0		

AM REGULATORY CONTROL RATIO ALGORITHM
(Continued)

• AM - REGULATORY CONTROL RATIO ALGORITHM DISPLAY (Continued)

6.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS)

7.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC (N)	DESTINATION PARAMETER CIDSTN (N)	ACTIVITY STATUS CIACTSTS (N)		
7.1	1	<input type="text"/>	X2	ACTIVE	INACTIVE	NOTCONFG
7.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG
7.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFG

AM REGULATORY CONTROL RATIO ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL OVERRIDE SELECTOR ALGORITHM

• AM - REGULATORY CONTROL OVER/SEL ALGORITHM DISPLAY

1.0	ALGORITHM EQUATION TYPE (CTLEQN)	EQA	EQB	<u>INITTYPE</u>						
2.0**	INITIALIZATION TYPE (INITTYPE)	EXT	NONE							
3.0	NUMBER OF INPUTS (M)	2		All						
4.0**	OVERRIDE OPTION (OROPT)	OFF	ON	EXT						
5.0	ENGINEERING UNITS RANGE HIGH (XEUHI)	1	0	0	.	0				All
6.0	ENGINEERING UNITS RANGE LOW (XEULO)	0	.	0						All

AM REGULATORY CONTROL OVERRIDE SELECTOR ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OVER/SEL ALGORITHM DISPLAY (Continued)

7.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS) 0

8.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC (N)	DESTINATION PARAMETER CIDSTN (N)	ACTIVITY STATUS	CIACTSTS (N)
8.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
8.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG

AM REGULATORY CONTROL OVERRIDE SELECTOR ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHL)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL SWITCH ALGORITHM

• AM - REGULATORY CONTROL SWITCH ALGORITHM DISPLAY

1.0	ALGORITHM EQUATION TYPE (CTLEQN)	<input type="text" value="EQA"/>	EQB
2.0**	INITIALIZATION TYPE (INITTYPE)	<input type="text" value="EXT"/>	NONE
3.0	NUMBER OF INPUTS (M)	<input type="text" value="2"/>	
4.0	ENGINEERING UNITS RANGE HIGH (XEUHI)	<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/>	
5.0	ENGINEERING UNITS RANGE LOW (XEULO)	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/>	
6.0	TRACKING OPTION (TRACKING)	<input type="text" value="OFF"/>	ON

AM REGULATORY CONTROL SWITCH ALGORITHM
(Continued)

• AM - REGULATORY CONTROL SWITCH ALGORITHM DISPLAY (Continued)

7.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS) 0

8.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT . PARAMETER CISRC(N)	DESTINATION PARAMETER CIDSTN(N)	ACTIVITY STATUS CIACTSTS(N)		
8.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
8.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG

AM REGULATORY CONTROL SWITCH ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHL)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL RAMPSOAK ALGORITHM

• AM - REGULATORY RAMP/SOAK CONTROL ALGORITHM DISPLAY

1.0 INITIALIZATION TYPE (INITTYPE) INT

2.0 MAX RAMP DEVIATION (MXRMPDEV)

3.0 MAX SOAK DEVIATION (MXSOKDEV)

4.0 NUMBER OF RAMP/SOAK PAIRS (NORSSEQ)

5.0*** RAMP RATES AND SOAK TIMES/VALUES

	PAIR NUMBER	RAMP RATE (RATEX)	SOAK DURATION (SOAKTX)	SOAK VALUE (SOAKVX)
5.1	1	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
5.2	2	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
5.3	3	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
5.4	4	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
5.5	5	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
5.6	6	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value="0"/> <input type="text" value="."/> <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>

AM REGULATORY CONTROL RAMPSOAK ALGORITHM
(Continued)

• AM - REGULATORY RAMP/SOAK CONTROL ALGORITHM DISPLAY (Continued)

6.0***

TIME MARK 1

	SEGMENT ID (S1SEGID)	BEGIN TIME (S1BGNTIM)	END TIME (S1ENDTIM)
6.1	RAMP1 SOAK1	0 . 0	0 . 0
6.2	RAMP2 SOAK2		
6.3	RAMP3 SOAK3		
6.4	RAMP4 SOAK4		
6.5	RAMP5 SOAK5		
6.6	RAMP6 SOAK6		

AM REGULATORY CONTROL RAMPSOAK ALGORITHM
(Continued)

• AM - REGULATORY RAMP/SOAK CONTROL ALGORITHM DISPLAY (Continued)

7.0***

TIME MARK 2

	SEGMENT ID (S2SEGID)	BEGIN TIME (S2BGNTIM)	END TIME (S2ENDTIM)
7.1	RAMP1 SOAK1	0 . 0	0 . 0
7.2	RAMP2 SOAK2		
7.3	RAMP3 SOAK3		
7.4	RAMP4 SOAK4		
7.5	RAMP5 SOAK5		
7.6	RAMP6 SOAK6		

AM REGULATORY CONTROL RAMP/SOAK ALGORITHM
(Continued)

• AM - REGULATORY RAMP/SOAK CONTROL ALGORITHM DISPLAY (Continued)

8.0** NUMBER OF CONTROL INPUT CONNECTIONS (NOCINPTS) 0

9.0*** INPUT CONNECTIONS

	INPUT	SOURCE POINT.PARAMETER CISRC(N)	DESTINATION PARAMETER CIDSTN(N)	ACTIVITY STATUS	CIACTSTS(N)
9.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG
9.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE NOTCONFG

AM REGULATORY CONTROL RAMPSOAK ALGORITHM
(Continued)

• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

22.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
23.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
24.0***	CONTROL OUTPUT (OP)	0 . 0
25.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
26.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
27.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
28.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
29.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY CONTROL CL ALGORITHM

• AM - REGULATORY CONTROL CL ALGORITHM DISPLAY

1.0	TYPE OF CV (CVTYPE)	ENGUNITS	PERCENT	
2.0	INITIALIZATION TYPE (INITTYPE)	EXT	INT	NONE
3.0	ANTI-RESET WINDUP DIRECTION (ARWDI)	DIRECT	REVERSE	

AM REGULATORY CONTROL CL ALGORITHM_
(Continued)

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• AM - REGULATORY CONTROL OUTPUT CONNECTIONS DISPLAY (Continued)

12.0***	CV ENGINEERING UNITS HIGH (CVEUHI)	1 0 0 . 0
13.0***	CV ENGINEERING UNITS LOW (CVEULO)	0 . 0
14.0***	CONTROL OUTPUT (OP)	0 . 0
15.0	OP HIGH LIMIT VALUE IN % (OPHILM)	1 0 5 . 0
16.0	OP LOW LIMIT VALUE IN % (OPLOLM)	- 5 . 0
17.0	OP MINIMUM CHANGE IN % (OPMCHLM)	0 . 0
18.0	OP ROC LIMIT IN %/MIN (OPROCLM)	- - - - - -
19.0	OP TOLERANCE IN % (\$OPTOL)	0 . 0

AM REGULATORY ALARMING AND DISTRIBUTION

• AM - REGULATORY ALARMING DISPLAY

1.0	PV ALARM DEADBAND IN % (PVALDB)	HALF	ONE	TWO	THREE
		FOUR	FIVE	EU	
1.1	ALARM DEADBAND IN ENG. UNITS (PVALDBEU)	1 . 0			
2.0	PV ALARM HIGH TRIP POINT (PVHITP)	- - - -			
3.0	PV ALARM LOW TRIP POINT (PVLOTP)	- - - -			
4.0*	PV ALARM HIGH HIGH TRIP POINT (PVHHTP)	- - - -			
5.0*	PV ALARM LOW LOW TRIP POINT (PVLLTP)	- - - -			
6.0*	PV ROC POSITIVE TRIP POINT (PVROCPTP)	- - - -			
7.0*	PV ROC NEGATIVE TRIP POINT (PVROCNTP)	- - - -			
8.0*	PV SIG.CHANGE TRIP POINT (PVSGCHTP)	- - - -			
9.0*	DEV ALARM HIGH TRIP POINT (DEVHITP)	- - - -			
10.0*	DEV ALARM LOW TRIP POINT (DEVLOTP)	- - - -			

AM REGULATORY ALARMING AND DISTRIBUTION
(Continued)

• AM - REGULATORY-ALARMING DISPLAY (Continued)

12.0		<u>SEPARATE ALARM PRIORITIES</u>			
12.1	ADVISORY-DEVIATION (ADVDEVPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.2	BAD-CONTROL (BADCTLPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.3	BAD PV (BADPVPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.4	BACKGROUND CL ERROR (BCLEALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.5	BACKGROUND CL FATAL ERROR (BCLFALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.6	CL ERROR (CLEALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.7	CL FATAL ERROR (CLFALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
12.8	CONFIGURATION ERROR (CNFERRPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	

AM REGULATORY ALARMING AND DISTRIBUTION
(Continued)

• AM – REGULATORY ALARMING DISPLAY (Continued)

12.9	DEVIATION HIGH (DEVHIPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.10	DEVIATION LOW (DEVLOPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.11	PV HIGH HIGH (PVHHPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.12	PV HIGH (PVHIPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.13	PV LOW LOW (PVLLPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.14	PV LOW (PVLOPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERONCY	PRINTER	JNLPRINT	
12.15	PV NEGATIVE RATE OF CHANGE (PVROCNPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.16	PV POSITIVE RATE OF CHANGE (PVROCPPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
12.17	SIGNIFICANT PV CHANGE (PVSGCHPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	

AM REGULATORY ALARMING AND DISTRIBUTION
(Continued)

• AM - REGULATORY ALARMING DISPLAY (Continued)

13.0* CONTACT CUTOUT INPUT OPTION (CCINPT) NO YES**

14.0*** CONTACT CUTOUT CONNECTION

SOURCE POINT_ID.PARAMETER
(CCSRC)

CONNECTION ACTIVITY STATUS
CCACTSTS

	ACTIVE	INACTIVE	NOTCONFIG
--	--------	----------	-----------

GENERAL INPUT/OUTPUT CONNECTIONS AND CUSTOM DATA SEGMENTS

*Fill in this form only with full disclosure selected on AM88-601.

• AM - REGULATORY GENERAL 1/0 AND CUSTOM

1.0	NUMBER OF ASSOCIATED CL BLOCKS (CLSLOTS)	<input type="text" value="0"/>
2.0**	NUMBER OF CUSTOM DATA PACKAGES (NOPKG)	<input type="text" value="0"/>
3.0**	NUMBER OF SWITCHES (NUMSWITCH)	<input type="text" value="0"/>
4.0**	NUMBER OF GENERAL INPUTS (NOGINPTS)	<input type="text" value="0"/>
5.00**	NUMBER OF GENERAL OUTPUTS (NOGOPTS)	<input type="text" value="0"/>

• AM - REGULATORY CUSTOM PACKAGE DISPLAY

10.0	CUSTOM DATA PACKAGE SOURCE FILE NAMES		
10.1	SOURCE FILE 1 NAME (PKGNAME [1])	<input type="text"/>	<input type="text"/>
10.2	SOURCE FILE 2 NAME (PKGNAME [2])	<input type="text"/>	<input type="text"/>
10.3	SOURCE FILE 3 NAME (PKGNAME [3])	<input type="text"/>	<input type="text"/>
10.4	SOURCE FILE 4 NAME (PKGNAME [4])	<input type="text"/>	<input type="text"/>
10.5	SOURCE FILE 5 NAME (PKGNAME [5])	<input type="text"/>	<input type="text"/>
10.6	SOURCE FILE 6 NAME (PKGNAME [6])	<input type="text"/>	<input type="text"/>
10.7	SOURCE FILE 7 NAME (PKGNAME [7])	<input type="text"/>	<input type="text"/>
10.8	SOURCE FILE 8 NAME (PKGNAME [8])	<input type="text"/>	<input type="text"/>
10.9	SOURCE FILE 9 NAME (PKGNAME [9])	<input type="text"/>	<input type="text"/>
10.10	SOURCE FILE 10 NAME (PKGNAME [10])	<input type="text"/>	<input type="text"/>

GENERAL INPUT/OUTPUT CONNECTIONS AND CUSTOM DATA SEGMENTS
(Continued)

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-
- AM - REGULATORY CUSTOM PACKAGE DISPLAY (TBS)
-

20.0

(This form is not used.)

GENERAL INPUT/OUTPUT CONNECTIONS AND CUSTOM DATA SEGMENTS
(Continued)

• AM - REGULATORY GENERAL INPUT CONNECTIONS DISPLAY

INPUT	SOURCE POINT_ID.PARAMETER GISRC(N)	DESTINATION PARAMETER GIDSTN(N)	ACTIVITY STATUS GIACTSTS(N)
40.0	1		ACTIVE INACTIVE NOTCONFIG
41.0	2		ACTIVE INACTIVE NOTCONFIG
42.0	3		ACTIVE INACTIVE NOTCONFIG
43.0	4		ACTIVE INACTIVE NOTCONFIG
44.0	5		ACTIVE INACTIVE NOTCONFIG
45.0	6		ACTIVE INACTIVE NOTCONFIG
46.0	7		ACTIVE INACTIVE NOTCONFIG
47.0	8		ACTIVE INACTIVE NOTCONFIG

GENERAL INPUT/OUTPUT CONNECTIONS AND CUSTOM DATA SEGMENTS
(Continued)

• AM - REGULATORY GENERAL OUTPUT CONNECTIONS DISPLAY

INPUT	SOURCE PARAMETER GOSRC (N)	DESTINATION POINT_ID.PARAMETER GODSTN (N)	ACTIVITY STATUS GOACTSTS (N)
50.0	1		ACTIVE INACTIVE NOTCONFIG
51.0	2		ACTIVE INACTIVE NOTCONFIG
52.0	3		ACTIVE INACTIVE NOTCONFIG
53.0	4		ACTIVE INACTIVE NOTCONFIG
54.0	5		ACTIVE INACTIVE NOTCONFIG
55.0	6		ACTIVE INACTIVE NOTCONFIG
56.0	7		ACTIVE INACTIVE NOTCONFIG
57.0	8		ACTIVE INACTIVE NOTCONFIG

AM TIMER DATA POINT CONFIGURATION
(Continued)

• AM - TIMER OPERATING CONFIGURATION DISPLAY

30.0	TIMER PERIOD (TIMEBASE)	SECONDS	MINUTES	HOURS
31.0	SET TIME (SP)	- - - - - - - -		
32.0	PERMIT OPERATOR CONTROL (CNTLLOCK)	PERMIT	NOTPERM	
33.0	PERMIT OPERATOR TO SET TIME (SPLOCK)	PERMIT	NOTPERM	
34.0**	TIME OUT ALARM (TIMOUTAL)	OFF	ON**	

AM TIMER DATA POINT CONFIGURATION
(Continued)

• AM GENERAL INPUT CONNECTIONS DISPLAY

*50.0** NUMBER OF GENERAL INPUTS (NOGINPTS) 0

51.0***

INPUT	SOURCE POINT_ID.PARAMETER GISRC(N)	DESTINATION PARAMETER GIDSTN(N)	CONNECTION ACTIVITY STATUS GIACTSTS(N)
51.1	1		ACTIVE INACTIVE NOTCONFIG
51.2	2		ACTIVE INACTIVE NOTCONFIG
51.3	3		ACTIVE INACTIVE NOTCONFIG
51.4	4		ACTIVE INACTIVE NOTCONFIG
51.5	5		ACTIVE INACTIVE NOTCONFIG
51.6	6		ACTIVE INACTIVE NOTCONFIG
51.7	7		ACTIVE INACTIVE NOTCONFIG
51.8	8		ACTIVE INACTIVE NOTCONFIG

AM TIMER DATA POINT CONFIGURATION

(Continued)

• AM GENERAL OUTPUT CONNECTIONS DISPLAY

*60.0** NUMBER OF GENERAL OUTPUTS (NOGINPTS)

0

61.0***

		SOURCE PARAMETER GOSRC (N)	DESTINATION POINT_ID . PARAMETER GODSTN (N)		CONNECTION ACTIVITY STATUS GOACTSTS (N)	
61.1	1			ACTIVE	INACTIVE	NOTCONFIG
61.2	2			ACTIVE	INACTIVE	NOTCONFIG
61.3	3			ACTIVE	INACTIVE	NOTCONFIG
61.4	4			ACTIVE	INACTIVE	NOTCONFIG
61.5	5			ACTIVE	INACTIVE	NOTCONFIG
61.6	6			ACTIVE	INACTIVE	NOTCONFIG
61.7	7			ACTIVE	INACTIVE	NOTCONFIG
61.8	8			ACTIVE	INACTIVE	NOTCONFIG

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM - COUNTER PV CONFIGURATION DISPLAY

30.0	RANGE HIGH (PVEUHI)	_ _ _ _ _ _ _ _ _
31.0	RANGE LOW (PVEULO)	_ _ _ _ _ _ _ _ _
32.0	RANGE EXTENSION HIGH (PVEXEUHI)	_ _ _ _ _ _ _ _ _
33.0	RANGE EXTENSION LOW (PVEXEULO)	_ _ _ _ _ _ _ _ _
34.0	PV AUTO EU CONVERSION FACTOR (PVCONV)	_ 1 _ . 0 _ _ _ _ _
35.0**	SET POINT - PV TARGET VALUE (PVTV)	_ _ _ _ _ _ _ _ _ **See lines 46 and 47
36.0	DECIMAL PLACE FORMAT (PVFORMAT)	D0 D1 D2 D3 D4 D5 D6
37.0	CLAMPING OPTION (PVCLAMP)	CLAMP NO CLAMP
38.0**	PV SOURCE OPTIONS (PVSRCOPT)	ONLY AUTO ALL**
39.0	PV SOURCE (PVSOURCE)	AUTO MAN SUB
40.0	OVERVIEW VALUE (OVERVAL)	_ _ _ 2 5

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM - COUNTER PV ALARMING DISPLAY

50.0**	PV ALARM HIGH ALARM TRIP POINT (PVHITP)	- - - - - - -
51.0**	PV ALARM LOW ALARM TRIP POINT (PVLOTP)	- - - - - - -
52.0	PV RATE OF CHANGE (+) ALARM TRIP POINT (PVROCPTP)	- - - - - - -
53.0	RATE OF CHANGE(-) ALARM TRIP POINT (PVROCNTTP)	- - - - - - -
54.0***	PV HIGH HIGH ALARM TRIP POINT (PVHHTP)	- - - - - - -
55.0***	PV LOW LOW ALARM TRIP POINT (PVLLTP)	- - - - - - -
56.0***	PV DEVIATION HIGH ALARM TRIP POINT (DEVHITP)	- - - - - - -
57.0***	PV DEVIATION LOW ALARM TRIP POINT (DEVLOTP)	- - - - - - -
58.0***	PV SIGNIFICANT CHANGE ALARM TRIP POINT (PVSGCHTP)	- - - - - - -

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM - COUNTER ALARM CONFIGURATION DISPLAY

60.0	PV ALARM DEADBAND IN % (PVALDB)	HALF	ONE	TWO	THREE
		FOUR	FIVE	EU	
60.1	PV ALARM DEADBAND IN ENG. UNITS (PVALDBEU)	1 . 0			
61.0	ALARM ENABLE STATE (ALENBST)	ENABLE	DISABLE	INHIBIT	
61.1	AUXILIARY UNIT (\$AUXUNIT)	- -			
61.2	MULTIPLE PRIMMOD #1 (\$MPROD1)				
61.3	MULTIPLE PRIMMOD #2 (\$MPROD2)				
61.4	MULTIPLE PRIMMOD #3 (\$MPROD3)				
61.5	MULTIPLE PRIMMOD #4 (\$MPROD4)				

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM - COUNTER ALARM CONFIGURATION DISPLAY

60.0	PV ALARM DEADBAND IN % (PVALDB)	HALF	ONE	TWO	THREE
		FOUR	FIVE	EU	
60.1	PV ALARM DEADBAND IN ENG. UNITS (PVALDBEU)	1 . 0			
61.0	ALARM ENABLE STATE (ALENBST)	ENABLE	DISABLE	INHIBIT	
62.0	<u>SEPARATE ALARM PRIORITIES</u>				
62.1	BAD CONTROL (BADCTLPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.2	BAD PV (BADPVPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.3	CONFIGURATION ERROR (CNFERRPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.4	DEVIATION HIGH (DEVHIPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.5	DEVIATION LOW (DEVLOPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.6	PRE-PRE-PRESET (PPRSTPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.7	PRESET (PRESETPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM - COUNTER ALARM CONFIGURATION DISPLAY

62.8	PRE-PRESET (PRPRSTPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.9	PV HIGH HIGH (PVHHPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.10	PV HIGH (PVHIPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.11	PV LOW LOW (PVLLPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.12	PV LOW (PVLOPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.13	PV NEGATIVE RATE OF CHANGE (PVROCNPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.14	PV POSITIVE RATE OF CHANGE (PVROCPPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	
62.15	SIGNIFICANT PV CHANGE (PVSGCHPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGENCY	PRINTER	JNLPRINT	

63.0 CONTACT CUTOOUT CONNECTION

63.1**	CONTACT CUTOOUT INPUT OPTION (CCINPT)	NO	YES		
	SOURCE POINT_ID.PARAMETER (CCSRC)		CONNECTION ACTIVITY STATUS (CCACTSTS)		
63.2***	_____	ACTIVE	INACTIVE	NOTCONFIG	

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM COUNTER ACCUMULATION DISPLAY

70.0	EU CONVERSION FACTOR (AVCONV)	1 . 0
71.0	DECIMAL PLACE FORMAT (AVFORMAT)	D0 D1 D2 D3
		D4 D5 D6
72.0**	ACCUMULATION TARGET VALUE (AVTV)	_ _ _ _ _
73.0	OPERATOR CONTROL CHANGE (CNTLLOCK)	PERMIT NOTPERM
74.0**	OPERATOR TARGET VALUE CHANGE (AVTVLOCK)	PERMIT NOTPERM
75.0***	1ST ACCUMULATOR DEVIATION (AVDEV1TP)	_ _ _ _ _
76.0***	2ND ACCUMULATOR DEVIATION (AVDEV2TP)	_ _ _ _ _

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM GENERAL INPUT CONNECTIONS DISPLAY

80.0** NUMBER OF GENERAL INPUT CONNECTIONS (NOGINPTS)

81.0***

		SOURCE POINT_ID.PARAMETER GISRC(N)	DESTINATION PARAMETER GIDSTN(N)		CONNECTION ACTIVITY STATUS GIACSTSTS(N)	
81.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
81.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG

AM COUNTER DATA POINT CONFIGURATION
(Continued)

• AM GENERAL OUTPUT CONNECTIONS DISPLAY

90.0** NUMBER OF GENERAL OUTPUT CONNECTIONS (NOGOPTS)

91.0***

		SOURCE PARAMETER GOSRC (N)	DESTINATION POINT_ID . PARAMETER GODSTN (N)		CONNECTION ACTIVITY STATUS GOACTSTS (N)	
91.1	1	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.2	2	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.3	3	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.4	4	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.5	5	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.6	6	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.7	7	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG
91.8	8	<input type="text"/>	<input type="text"/>	ACTIVE	INACTIVE	NOTCONFIG

AM SWITCH DATA POINT CONFIGURATION

• AM - SWITCH POINT ASSIGNMENT DISPLAY

11.0	ALARM ENABLE STATE (ALENBST)	ENABLE	DISABLE	INHIBIT
11.1	AUXILIARY UNIT (\$AUXUNIT)	- -		
11.2	MULTIPLE PRIMMOD #1 (\$MPROD1)			
11.3	MULTIPLE PRIMMOD #2 (\$MPROD2)			
11.4	MULTIPLE PRIMMOD #3 (\$MPROD3)			
11.5	MULTIPLE PRIMMOD #4 (\$MPROD4)			

AM SWITCH DATA POINT CONFIGURATION

• AM - SWITCH POINT ASSIGNMENT DISPLAY

SEPARATE ALARM PRIORITIES

21.0	BACKGROUND CL ERROR (BCLEALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.1	BACKGROUND CL FATAL ERROR (BCLFALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.2	CL ERROR (CLEALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.3	CL FATAL ERROR (CLFALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.4	CONFIGURATION ERROR (CNFERRPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.5	SWITCH ALARM 1 (SWALM1PR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.6	SWITCH ALARM 2 (SWALM2PR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
21.7	SWITCH ALARM 3 (SWALM3PR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	

AM SWITCH DATA POINT CONFIGURATION
(Continued)

• AM SWITCH SEGMENT DISPLAY

40.0 SWITCH #1

40.1 NUMBER OF STATES (S1NSTATE)

40.2 #1 STATE NAME (S1STATES (0))

40.3 #2 STATE NAME (S1STATES (1))

40.4 #3 STATE NAME (S1STATES (2))

40.5 #4 STATE NAME (S1STATES (3))

40.6 #5 STATE NAME (S1STATES (4))

40.7 ACCESS LEVEL (S1ACCLVL) OPERATOR SUPERVIS ENGINEER PROGRAM

40.8 INITIAL STATE (S1CURSTS)

40.9 REQUESTED STATE (S1REQSTS)

AM CUSTOM DATA POINT CONFIGURATION

• AM - CUSTOM POINT ASSIGNMENT DISPLAY

10.0	TAG NAME (NAME)	<input type="text"/>
11.0	UNIT ID (UNIT)	<input type="text"/>
12.0	POINT DESCRIPTION (PTDESC)	<input type="text"/>
13.0	POINT KEYWORD (KEYWORD)	<input type="text"/>
14.0	NUMBER ASSOCIATED CL BLOCKS (CLSLOTS)	<input type="text" value="1"/>
15.0**	NUMBER CUSTOM DATA PACKAGES (NOPKG)	<input type="text" value="0"/>
16.0	POINT ASSOCDSP (ASSOCDSP)	<input type="text"/> Default: All Underbars
16A.	POINT CUSTOM DISPLAY (\$CDETAIL)	<input type="text"/> Default = All Blanks
16.1	PRIMARY MODULE (PRIMMOD)	<input type="text" value="- - - - -"/>
11.2	ALARM STATE (ALENBST)	<input checked="" type="checkbox"/> ENABLE <input type="checkbox"/> DISABLE <input type="checkbox"/> INHIBIT
16.3	AUXILIARY UNIT (\$AUXUNIT)	<input type="text" value="- -"/>
16.4	MULTIPLE PRIMMOD #1(\$MPROD1)	<input type="text"/>
16.5	MULTIPLE PRIMMOD #2(\$MPROD2)	<input type="text"/>
16.6	MULTIPLE PRIMMOD #3(\$MPROD3)	<input type="text"/>
16.7	MULTIPLE PRIMMOD #4(\$MPROD4)	<input type="text"/>

AM CUSTOM DATA POINT CONFIGURATION
(Continued)

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• AM - CUSTOM POINT ASSIGNMENT DISPLAY

18.0		<u>SEPARATE ALARM PRIORITIES</u>			
18.1	BACKGROUND CL ERROR (BCLEALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
18.2	BACKGRPIMD FATA; CL; ERROR (BCLFALPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
18.3	CL ERROR (CLEALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
18.4	CL FATAL ERROR (CLFALMPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	
18.5	CONFIGURATION ERROR (CNFERRPR) ALARM PRIORITY	NOACTION	JOURNAL	LOW	HIGH
		EMERGNCY	PRINTER	JNLPRINT	

AM CUSTOM DATA POINT CONFIGURATION
(Continued)

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• AM - CUSTOM POINT ASSIGNMENT DISPLAY

20.0	<u>CUSTOM DATA PACKAGE SOURCE FILE NAMES</u>			
20.1	SOURCE FILE	1 NAME (PKGNAME (1))		_ _ _ _ _ _ _ _ _
20.2	SOURCE FILE	2 NAME (PKGNAME (2))		_ _ _ _ _ _ _ _ _
20.3	SOURCE FILE	3 NAME (PKGNAME (3))		_ _ _ _ _ _ _ _ _
20.4	SOURCE FILE	4 NAME (PKGNAME (4))		_ _ _ _ _ _ _ _ _
20.5	SOURCE FILE	5 NAME (PKGNAME (5))		_ _ _ _ _ _ _ _ _
20.6	SOURCE FILE	6 NAME (PKGNAME (6))		_ _ _ _ _ _ _ _ _
20.7	SOURCE FILE	7 NAME (PKGNAME (7))		_ _ _ _ _ _ _ _ _
20.6	SOURCE FILE	8 NAME (PKGNAME (8))		_ _ _ _ _ _ _ _ _
20.9	SOURCE FILE	9 NAME (PKGNAME (9))		_ _ _ _ _ _ _ _ _
20.10	SOURCE FILE	10 NAME (PKGNAME (10))		_ _ _ _ _ _ _ _ _

TO: Information Development

Reader Comments

Title of Document: **Application Module Forms**

Document Number: **AM88-600 (R640)**

Issue Date: **12/02**

Comments: _____

Recommendations: _____

FROM:

Name: _____ **Date:** _____

Title: _____

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