APR 2 1999

Sta. 4

58

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT 626260

2. To: (Receiving Organization) Distribution		3. From: (Originating Organization) SNF Project		4. Related EDT No.: N/A				
5. Proj./Prog./Dept./Div.: Spent Nuclear Fuel Project		6. Design Authority/ Design Agent/Cog. Engr.: C. Van Katwijk		7. Purchase Order No.: N/A				
8. Originator Remarks: N/A				9. Equip./Component No.: N/A				
				10. System/Bldg./Facility: Spent Nuclear Facility				
11. Receiver Remarks:		11A. Design Baseline Document? ☐ Yes ☒ No		12. Major Assm. Dwg. No.: N/A				
				13. Permit/Permit Application No.: N/A				
				14. Required Response Date: N/A				
15. DATA TRANSMITTED								
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Design- nator	(G) Reason for Trans- mittal	(H) Origina- tor Dispo- sition	(I) Receiv- er Dispo- sition
1	SNF-3887		0	Rosemount Absolute Pressure Transmitter - MCO Pressure	Q	2	1	N/A

16. KEY

Approval Designator (F)		Reason for Transmittal (G)			Disposition (H) & (I)						
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)		1. Approval	4. Review		1. Approved	4. Reviewed no/comment					
		2. Release	5. Post-Review		2. Approved w/comment	5. Reviewed w/comment					
		3. Information	6. Dist. (Receipt Acknow. Required)		3. Disapproved w/comment	6. Receipt acknowledged					
17. SIGNATURE/DISTRIBUTION (See Approval Designator for required signatures)											
(G) Reason	(H) Disp.	(I) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(I) Name	(K) Signature	(L) Date	(M) MSIN
2	1	Designated Engineer	C. Van Katwijk								
2	1	Design Authority	R. Whitehurst	3/30/99							
2	1	QA	T. D. Hays	3/30/99							

18. C. Van Katwijk Signature of EDT Originator	19. T. Choho Authorized Representative for Receiving Organization	20. R. Whitehurst Design Authority/ Cognizant Manager	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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Rosemount Absolute Pressure Transmitter – MCO Pressure

Carl Van Katwijk
Numatec Hanford Co, Richland, WA 99352
U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: 626260 UC: 620
Org Code: 2G300 Charge Code: 105559/A000
B&R Code: 39EW40400 Total Pages: 4

Key Words: Pressure Transmitter – high resolution, MCO

Abstract: Rosemount Absolute Pressure Transmitter – MCO Pressure
CGI-SNF-D-07-P4-011

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Release/Approval

3/31/99
Date

DATE		ID: 58
STA: 4		
APR 2 1999	Release Stamp	

Approved for Public Release

Commercial Grade Item Upgrade Dedication Form

Rev. No. 0

ECN No. NACGI No. CGI-SNF-D-07-P4-011

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Title: ROSEMOUNT ABSOLUTE PRESSURE TRANSMITTER - MCO
PRESSURE

SNF-3887

Section 1 Part Information			
Item No.: NA	Manufacturer:		Supplier:
Mfg. Part/Model No.:		Supplier's P/N:	
Part Description:			
End Use Description:			
Section 2a Component Information			
Equipment No.: PT-1*36, PT-1*37	Specification No.: W-441- P4, Rev. 2	Manufacturer: Rosemount	Past P.O. No.: NA
Manufacturer's Part/ Model No.: 1153GB5PB	Equipment Supplier (if different from manufacturer): TBD		Equip. Supplier's Part No.: NA
Component Description: Model 1153, series B, absolute pressure transmitter for MCO and qualified for vacuum service. -14.7 to 12 psig process range. Product data sheet PDS 4302, April 1992. Provide MCO pressure/vacuum signal to the SCIC.			
Section 2b Qualified Vendor/Supplier Survey			
1. Is the Item available from a catalog from a qualified NQA1 or ISO 9000 supplier (coordinate with project CGI interface Engineer or BTR)? <div style="text-align: right;">EW 12/21/98 OK 12/21/98</div> ☒ YES (go to #2 below) ☐ NO (go to procedure step 5.3.2, proceed to dedicate item.)			
2. List of Candidate qualified suppliers or ISO supplier. <div style="text-align: right;">EW 12/21/98 OK 12/21/98</div> <div style="display: flex; justify-content: space-between;"> <div>company name and type Rosemount Inc. Measurement Division 12001 Technology Drive, Eden Prairie, MN 55344</div> <div>contact name phone (612) 941-5560</div> </div>			
3. Recommended Procurement Strategy (coordinate with project CGI interface Engineer or BTR): Purchase Qualified, W-441-P4, Rev. 2, Appendix L, page L-14, provides a seismic testing plan for these components at a (TBD) seismic spectra. Qualification is to include this seismic testing.			
Section 2c CGI Determination			
1. Question #1: Is the Item subject to design or specification requirements that are unique to nuclear facilities or activities? ☒ YES (the Item is not commercial grade) ☐ NO (continue)			
2. Question #2: Is the Item used in applications other than nuclear facilities or activities? ☐ NO (the item is not commercial grade) ☒ YES (continue)			

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Title: ROSEMOUNT ABSOLUTE PRESSURE TRANSMITTER - MCO
PRESSURE

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3. Question #3: Is the Item ordered from manufacturer/supplier on the basis or specifications set forth in the manufacturers catalog?

☐ NO (the Item is not commercial grade)

☒ YES (continue)

☐ All three criteria have been satisfied. The Item meets the definition of commercial grade.

☒ It is determined that the item is not commercial grade. The item is currently specified to be procured as safety-grade from a qualified vendor and no commercial dedication is required.

Section 2d Reason for Dedication

The above described Item is being Dedicated for use in the application cited for the following reason(s):

Section 3 Failure Effects Evaluation

Section 4 Environmental & Natural Phenomena Hazard Design

Section 5 Component Functional Classification

Section 6 [reserved]

Section 7 [reserved]

Section 8 References (for Functional Classification)

Section 9 Critical Characteristics

Notes and Legend: **This item is nuclear quality and does not require CGI procurement dedication.**

Acceptance Method:

1. Special Test and Inspection
1,I,N for Inspection
1,T for Test
2. Commercial Grade Survey
3. Source Verification
4. Vendor/Item History

Section 10 Initial Review and Approval

Approvals:

Designated Engineer: *[Signature]* 12/21/98

Design Authority: *[Signature]* 12/21/98

QA Engineer: *[Signature]* 12/21/98

Commercial Grade Item Upgrade Dedication Form

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ECN No. NA CGI No. CG1-SNF-D-07-P4-011

Title: ROSEMOUNT ABSOLUTE PRESSURE TRANSMITTER - MCO

PRESSURE

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Section 5 Fast Inspection Summary (Acceptance Method 1)

1. SUMMARY OF VERIFIED CRITICAL CHARACTERISTICS, THEIR VERIFICATION METHODS, AND RESULTS

ITEM DESCRIPTION:

Critical Characteristics

Critical Characteristics	Acceptance Criteria/Tolerances	ID	Function	Method TURN	Procedure or REF	Check- list ID	Number Tested	Number Failed	Verifying Organization	Printed Name Signature	Date
This item is nuclear quality and does not require CGI procurement dedication.											

2. DISPOSITION OF UNVERIFIED OR FAILED CRITICAL CHARACTERISTICS

Critical Characteristic	Disposition

3. SIGNATURE INDICATES ALL CRITICAL CHARACTERISTICS VERIFIED SATISFACTORY OR ACCEPTABLY DISPOSITIONED AND COMMERCIAL GRADE DEDICATION IS SATISFACTORY AND COMPLETE.

BUYER VERIFICATION

Testing Agency Approval:	Date	Design Authority:	Date
Testing Agency QA Engineer:	Date	QA Engineer:	Date