### Engineering Data Transmittal

**To:** (Receiving Organization)  
**Distribution:**

**From:** (Originating Organization)  
**SNF Project**

**Design Authority/ Design Agent/Cog. Engr.:**  
C. Van Katwijk

**Design Authority/ Date**  
Cognizant Manager

**Proj./Prog./Dept./Div.:**  
Spent Nuclear Fuel Project

**Originator Remarks:**  
N/A

**Receiver Remarks:**  
11A. Design Baseline Document? [ ] Yes [X] No

**Related EDT No.:**  
N/A

**Purchase Order No.:**  
N/A

**System/Bldg./Facility:**  
Spent Nuclear Facility

**Originator:**  
N/A

**Purchase Order No.:**  
N/A

**Equip./Component No.:**  
N/A

**Major Assm. Dwg. No.:**  
N/A

**Permit/Permit Application No.:**  
N/A

**Required Response Date:**  
N/A

### Data Transmitted

<table>
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<tr>
<th>Item No.</th>
<th>Document/Drawing No.</th>
<th>Sheet No.</th>
<th>Rev. No.</th>
<th>Title or Description of Data Transmitted</th>
<th>Approval Designator</th>
<th>Reason for Transmittal</th>
<th>Originator Disposition</th>
<th>Receiver Disposition</th>
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<tbody>
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<td>SNF-3887</td>
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<td>Rosemount Absolute Pressure Transmitter – MCO Pressure</td>
<td>Q</td>
<td>2</td>
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### Key

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<th>Reason for Transmittal (G)</th>
<th>Disposition (H) &amp; (I)</th>
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<tr>
<td>E, S, Q, D or N/A</td>
<td>1. Approval</td>
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<td>(see WHC-CM-3-5,</td>
<td>2. Release</td>
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<td>Sec.12.7)</td>
<td>3. Information</td>
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<td>4. Review</td>
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<td>5. Post-Review</td>
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<td>6. Dist. (Receipt Acknow. Required)</td>
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### Signature/Distribution

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<tr>
<th>(G) Reason (H) Disp.</th>
<th>(J) Name</th>
<th>(K) Signature</th>
<th>(L) Date</th>
<th>(M) MSIN</th>
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<tr>
<td>2</td>
<td>Designated Engineer C. Van Katwijk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Design Authority R. Whitehurst</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>QA T. D. Hays</td>
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**Signature of EDT Originator:**  
C. Van Katwijk  
2-9-99

**Authorized Representative Date for Receiving Organization:**  
T. Choho  
2/30/99

**Design Authority/ Cognizant Manager Date:**  
R. Whitehurst  
3/30/99

**DOE APPROVAL (if required)**  
Cbl. No.  
[ ] Approved  
[ ] Approved w/comments  
[ ] Disapproved w/comments
Rosemount Absolute Pressure Transmitter – MCO Pressure

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

Abstract: Rosemount Absolute Pressure Transmitter – MCO Pressure
CGI-SNF-D-07-P4-011
Commercial Grade Item Upgrade Dedication Form

Title: ROSEMOUNT ABSOLUTE PRESSURE TRANSMITTER – MCO PRESSURE

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

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)?
   [X] 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
   Rosemount Inc.
   Measurement Division
   12001 Technology Drive, Eden Prairie, MN 55344
   Contact Name: [ ]
   Company Name and Type: [ ]
   Phone: (612) 941-5560

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?
   [X] 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)
   [X] YES (continue)
Commercial Grade Item Upgrade Dedication Form

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

Title: ROEMOUNT ABSOLUTE PRESSURE TRANSMITTER - MCO

PRESSURE

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)
   [X] YES (continue)

[ ] All three criteria have been satisfied. The item meets the definition of commercial grade.

[ X] 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
2. Commercial Grade Survey
3. Source Verification
4. Vendor/Item History

Section 10 Initial Review and Approval

Approvals:
Designated Engineer: [Signature] 1/21/98
Design Authority: [Signature] 1/21/98
QA Engineer: [Signature] 1/21/98
1. SUMMARY OF VERIFIED CRITICAL CHARACTERISTICS, THEIR VERIFICATION METHODS, AND RESULTS

<table>
<thead>
<tr>
<th>Critical Characteristics</th>
<th>Acceptance Criteria/Tolerances</th>
<th>ID</th>
<th>Function</th>
<th>Material T/N</th>
<th>Procedure or ERJ</th>
<th>Checklist ID</th>
<th>Number Tested</th>
<th>Number Failed</th>
<th>Verifying Organization</th>
<th>Printed Name Signature</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>This item is nuclear quality and does not require CGI procurement dedication.</td>
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<td></td>
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</tbody>
</table>

2. DISPOSITION OF UNVERIFIED OR FAILED CRITICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Critical Characteristic</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Testing Agency Approval:</th>
<th>Date</th>
<th>Design Authority:</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>Testing Agency QA Engineer:</td>
<td>Date</td>
<td>QA Engineer:</td>
<td>Date</td>
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