

CONTRACT PERFORMANCE REPORT							FORM APPROVED		
FORMAT 5 - Explanations and Problem Analysis							OMB No. 0704-0188		
<b>1. CONTRACTOR</b>		<b>2. CONTRACT</b>		<b>3. PROGRAM</b>			<b>4. REPORT PERIOD</b>		
<b>a. NAME</b> UT-Battelle		<b>a. NAME</b> SNS Proton Power Upgrade (PPU)		<b>a. NAME</b> Proton Power Upgrade			<b>a. FROM (YYYYMMDD)</b> 01-May-21		
<b>b. LOCATION (Address and ZIP Code)</b> Oak Ridge National Laboratory		<b>b. NUMBER</b>		<b>b. PHASE</b> CD-3			<b>b. TO (YYYYMMDD)</b> 31-May-21		
<b>5. EVALUATION</b>									
<b>P.05.04.04.03 / ORNL - Procure/Fab - Hydrogen Refill System Expansion and Relocation</b>									
	<b>Budget</b>	<b>Progress</b>	<b>Actuals</b>	<b>SV</b>	<b>SV %</b>	<b>CV</b>	<b>CV %</b>	<b>SPI</b>	<b>CPI</b>
Current:	0	0	0	0	-	0	-	-	0.00
Cumulative:	98	1	0	-97	-99%	0	66%	0.01	2.98
	<b>BAC</b>	<b>EAC</b>	<b>VAC in \$</b>	<b>VAC in %</b>	<b>TCPI to BAC</b>	<b>TCPI to EAC</b>			
At Complete:	98	100	-2	-2%	1.00	0.97			
<p><b>Explanation of Variance/Description of Problem:</b></p> <p>Procurement award of the hydrogen refill system gas panel has been delayed by the departure of the P.05.04 level 3 manager and the lack of a ready replacement that understands the scope. Questions from P.05.10.03 controls on functionality and compliance of a vendor proposal have been slow to resolve due to loss of continuity. (Note that gas panel is only part of the hydrogen refill system upgrade. Other related scope - mainly field installation design work- is also behind for similar reasons. This is not broken out as a separate activity.)</p> <p><b>Impact:</b></p> <p>Delay of the gas panel procurement by several months will not impact the Moderator Cryogenics System upgrade deployment. There is a desire to install this upgrade before the extended outage to 1) gain early experience with its operation and 2) relieve work scope during the extended outage. This can still happen - <i>provided the field installation design work picks up momentum</i> . An engineering and designer resource is needed for the field installation design work.</p> <p><b>Corrective Action:</b></p> <p>The First Target Systems level 2 manager and the controls engineer have gained understanding of the design approach developed by the level 3 manager and his subcontractor engineering. Communication with vendor has been helpful, if slow. One additional piece of information is still needed from the vendor before an award can be made. This should be possible in June.</p>									
<b>Prepared by:</b> Wayne Steffey		<b>Date:</b> 6/13/2021							
<b>Reviewed by (CAM):</b>		<b>Date:</b>		<b>Approved by (PM):</b>			<b>Date:</b>		
_____		_____		_____			_____		