

CONTRACT PERFORMANCE REPORT							FORM APPROVED		
FORMAT 5 - Explanations and Problem Analysis							OMB No. 0704-0188		
1. CONTRACTOR		2. CONTRACT		3. PROGRAM			4. REPORT PERIOD		
a. NAME UT-Battelle		a. NAME SNS Proton Power Upgrade (PPU)		a. NAME Proton Power Upgrade			a. FROM (YYYYMMDD) 01-May-21		
b. LOCATION (Address and ZIP Code) Oak Ridge National Laboratory		b. NUMBER		b. PHASE CD-3			b. TO (YYYYMMDD) 31-May-21		
5. EVALUATION									
P.05.10.03.02 / ORNL - Design - Controls Integration									
	Budget	Progress	Actuals	SV	SV %	CV	CV %	SPI	CPI
Current:	26	7	81	-18	-71%	-74	-998%	0.29	0.09
Cumulative:	759	328	559	-432	-57%	-231	-71%	0.43	0.59
	BAC	EAC	VAC in \$	VAC in %	TCPI to BAC	TCPI to EAC			
At Complete:	1,273	1,509	-236	-19%	1.32	0.99			
<p>Explanation of Variance/Description of Problem:</p> <p>Target Controls design work is behind schedule due to late completion of requirements (P&ID, PCD) from other target subsystems. In particular, there is a resource shortage to provide mechanical information which needs to be resolved for parts of the Controls Design. The cost has increased due to design changes which increased the number of I/O points to be controlled.</p> <p>Impact:</p> <p>Delays in starting design work could lead to delays in implementation and installation.</p> <p>Corrective Action:</p> <p>Additional resources (1 contract engineer and 1 contract designer) have been added to allow more Target Controls work to proceed in parallel in an effort to minimize schedule delays, but some requirements are still being developed. A PCR was processed in March to increase the budget for the additional I/O points and should reduce the cost variance over time. When more requirement information is completed, additional contract labor may be added to minimize schedule delays.</p>									
Prepared by: Wayne Steffey		Date: 6/13/2021							
Reviewed by (CAM):		Date:			Approved by (PM):		Date:		
_____		_____			_____		_____		