

| 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.10.03.02.05.03 / ORNL - Procure/Fab - Circulators (SCL) | | | | | | | | | |
| | Budget | Progress | Actuals | SV | SV % | CV | CV % | SPI | CPI |
| Current: | 280 | 0 | 0 | -280 | -100% | 0 | - | 0.00 | 0.00 |
| Cumulative: | 531 | 116 | 74 | -415 | -78% | 42 | 36% | 0.22 | 1.57 |
| | BAC | EAC | VAC in \$ | VAC in % | TCPI to BAC | TCPI to EAC | | | |
| At Complete: | 689 | 647 | 42 | 6% | 0.93 | 1.00 | | | |
| <p>Explanation of Variance/Description of Problem:</p> <p>The delivery and subsequent testing of the new SCL circulator first article was delayed due to a company merger. The first article circulator arrived in February 2021, but started to leak after cooling water was applied. The circulator and control unit have been repaired by Microwave Techniques (MT) and were delivered to SNS in June 2021 and are currently awaiting high power testing. Upon successful completion of the high power tests, MT will start fabrication of the production units which are also contributing to the schedule variance.</p> <p>Impact:</p> <p>Fabrication of the production units has been delayed pending the results of the FA site testing. Site testing and acceptance of the first article as well as fabrication of the production units has been delayed. The variance will go away upon delivery and site testing of all circulators.</p> <p>Corrective Action:</p> <p>The RF team has started meeting weekly with MT to stay appraised of the production status and to ensure prompt resolution to any further problems.</p> <p>Prepared by: Wayne Steffey Date: 6/13/2021</p> <p>Reviewed by (CAM): _____ Date: _____ Approved by (PM): _____ Date: _____</p> | | | | | | | | | |