DUF_6 Depleted Uranium Hexafluoride Conversion Project	**System Walk Down Report**

SWR-C-VAP-1300-005-22, Rev.0

System: Vaporization System (VAP)	
System Engineer(s): Doug Porter	**Date: 05/26/2022**

Basis for Inclusion into the System Health Program (check all that apply):

__X__ Safety Functions (Active SSCs, Active DIDs, Maintenance Rule)

_____ Regulatory Requirements

__X__ Production Risk

__X__ Cost (Equipment, Operating, Etc.)

_____ Other: Explain:_____

System Goals:	**Actual Performance Data:**
Safety: Zero safety issues	Safety: Zero safety issues
Production: 65 kg/hr/nozzle avg.	Production: N/A
Availability: 80%	Availability: 100%

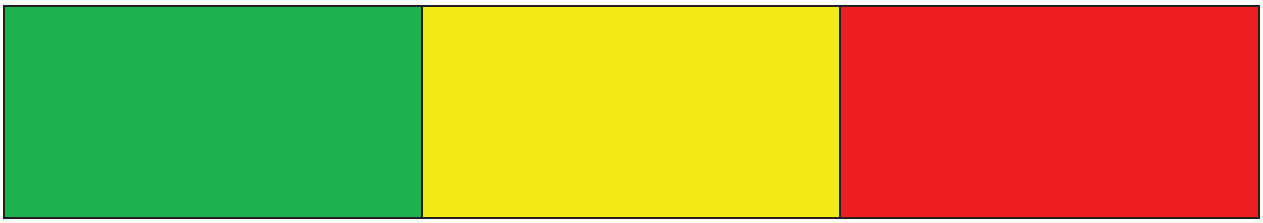
Reporting Frequency (Circle One):

Monthly **Semiannual** **Annual** **Other:**_____

Direct Monitoring Requirements:

See attached walk down datasheet.

Overall System Status Determination (check a box):



☐**Green** ☒**Yellow** ☐**Red**

Provide justification for the system status determination:

The following issues were noted:

1) C-1-VAP-FIT-1051C – Requires Adjustment
2) C-1-VAP-FE-1052B – Requires replacement
3) C-1-VAP-PPB-001- Suspect blockage in hotbox.
4) C-1-VAP-FCV-1052A- Requires replacement.
5) C-2-VAP-FIT-1051B- Requires calibration
6) C-2-VAP-FIT-1051C – Requires calibration
7) C-2-VAP-FIT-1051D – Requires replacement
8) C-2-VAP-FIT-1052B – Requires calibration
9) C-2-VAP-FE-1052B- Requires calibration
10) C-2-VAP-FCV-1052B-Requires adjustment
11) C-3-VAP-FIT-1052C-Replace with transmitter from Line 4
12) C-4-VAP-FIT-1052A-Requires troubleshooting
13) C-4-VAP-FE-1052A-Requires troubleshooting
14) C-4-VAP-FIT-1052A - Requires calibration

15) C-4-VAP-FIT-1051A – Requires reinstallation – moved to line 3

16) C-4-VAP-FIT-1051B – Requires reinstallation – moved to line 3

17) C-4-VAP-FIT-1051C – Requires reinstallation – moved to line 3

Actions to restore System to GREEN status:

1) WO# 2104077 issued.
2) WO# 2200183 issued.
3) WO# 2200287 issued.
4) WO# 2201492 issued.
5) WO# 2103965 issued.
6) WO# 2200187 issued.
7) WO# 2200188 issued.
8) WO# 2200183 issued.
9) WO# 2200777 issued.
10) WO# 2200810 issued
11) WO# 2200292 issued.
12) WO# 2103929 issued.

13) WO# 2104117 issued.

14) WO# 2200043 issued.

15) WO# 2201352 issued.

16) WO# 2201353 issued.

17) WO# 2201443 issued.

Prepared by:

Doug Porter / DOUGLAS PORTER (Affiliate) Digitally signed by DOUGLAS PORTER (Affiliate) Date: 2022.05.26 09:22:50 -05'00'

Name (Print) **(Sign)** **(Date)**

Site Engineering Manager:

Matt Holland / GARY HOLLAND (Affiliate) Digitally signed by GARY HOLLAND (Affiliate) Date: 2022.05.26 10:22:03 -05'00'

Name (Print) **(Sign)** **(Date)**