| Company 1  | Project Name                               |          |         | Logo 2   |            |  |  |  |  |
|--|--|----------|---------|----------|------------|--|--|--|--|
| Close Out Sheet  |  |          |         |          |            |  |  |  |  |
| PSD-HUC-082  | MRU Barge Campaign Post Shutdown Phase CRA |          |         |          | 2021-04-10 |  |  |  |  |
| Activity   | Node                                       | Facility |         | Priority |            |  |  |  |  |
|  |  |          | BRG-CPP |          |            |  |  |  |  |
| Project Phase Guideword  |  |          |         |          |            |  |  |  |  |
| MRU Integration Project Post-Shutdown Phase  |  |          |         |          |            |  |  |  |  |
| Causes   |  |          |         |          |            |  |  |  |  |
| N2 converter pump - excessive discharge pressure due to failure of pump controls   |  |          |         |          |            |  |  |  |  |
| Safeguards   |  |          |         |          |            |  |  |  |  |
| Consequences  Overpressure of CPP piping system being leak tested leading to projectiles, resulting in personnel injuries / fatality, and damage to asset / equipment. |  |          |         |          |            |  |  |  |  |
| Initial risk   | Residual Risk                              |          |         |          |            |  |  |  |  |
| None  None  None  Recommendations/ Actions  To review N2 Overpressure Protection to ensure adequacy and quitability to test pressure.                                  |  |          |         |          |            |  |  |  |  |
| To review N2 Overpressure Protection to ensure adequacy and suitability to test pressure being employed for CPP piping system.   |  |          |         |          |            |  |  |  |  |

| Response                               |  |            |          |       |                            |
|--|--|------------|----------|-------|----------------------------|
| None                                   |  |            |          |       |                            |
| Remarks                                |  |            | Actionee |       |                            |
|  |  |            |          |       |                            |
| Attachments                            |  |            |          |       |                            |
|  |  |            |          |       |                            |
| Organisation                           | MMHE   | Signature: | Date:    |       |                            |
| Disipline and Subdisiplin              | ne HUC   | Signature: |          | Date: |                            |
| COMPANY COMMENT                        | rs   |            |          |       | Status                     |
|  |  |            |          |       | Agree                      |
|  |  |            |          |       | Agree with comments        |
|  |  |            |          |       | Disagree                   |
|  |  |            |          |       | To be followed             |
| COMPANY Lead Discipli                  | ne:  | Signature: |          | Date: |                            |
| COMPANY Lead Safety:                   |  | Signature: |          | Date: |                            |
| COMPANY Rep (Engineering Coordinator): |  | Signature: |          | Date: |                            |
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