

Corrective Action Plan

September 30, 2021

Corrective Actions Required Post-startup

SEC report reference	Corrective action	comments
MS-CA-1 Change management framework	Change management framework to identify gaps and areas for improvement	Framework being put together. Hiring of ARM in progress.
MS-CA-2 Develop system for knowledge and skills management in the presence of personnel attrition	Organizational and training system changes; plan for establishing a 5 th shift	Procedures rewrite in progress. 5 th shift recruitment begun.
MS-SPI-1 CRO transitions	Permanent CRO appointed; succession planning	Permanent appointment in progress. Deputy CRO position to be posted in Fall 2021.
MS-SPI-2 Crew Chief path	Clearly define career path, implement leadership and development training	Leadership training begun. Career path definition in progress.
MS-SPI-3 RO/RE communications	Develop effective means of communications among groups	Under development.
MS-CA-3, IE-SPI-2 Assess efficacy of tools	Develop methodology for assessing changes Determine whether pickup tools need to be replaced; require manufacturer to provide accurate dimension reports	November (administrative controls for reactor restart) Q4 2022 (Batch tool replacement with QA)
MS-CA-4 ARM program	Hire ARM chief; develop program emphasizing communications	Hiring in progress.
MS-SPI-4 engineered items management	Develop systems for collaborative management with RO and RE.	Under development.
MS-SPI-5 management engagement	Implement MP 1.2; increase management engagement	October completion of MP 1.2. Management engagement has increased.
MS-CA-7 Continuous improvement plan	Implement AR 1.1; Preventative action program; continuous improvement training	AR 1.1 implemented, Training complete, preventative action program in progress.
MS-SPI-7 SAC tracking	Establish corrective and preventive action SEC subcommittee	Subcommittee charter has been drafted and members appointed.

PR-CA-6: Revise procedures to be consistent with INPO 11-003.	Continue to revise procedures beyond those necessary for startup.	Procedures to be identified and prioritized.
QT-CA-4, QT-SPI-1 QT-SPI-2, QT-SPI-3 consistent training, expectation, learning objectives, continuous evaluation	Establish routine reviews of training program, including continuous evaluation and feedback to meet performance expectations.	In progress.
IE-CA-6 modify refueling test stand	Modify refueling test stand to better simulate reactor top experience.	Under engineering evaluation.
IE-SPI-1 Explore early detection of abnormal behavior	Provide noise gates on selected NI channels; explore other anomaly detection	Initial noise gate to be installed and tested after startup.