

Operational Controls for the
Low Enriched Dry Powder Process

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Low Enriched Dry Powder Process

1.0 Summary

This report summarizes the operational controls employed during the processing of low enriched dry powder. Included are administrative measures associated with the maintenance of the equipment and actions in the event of functional failure of equipment.

2.0 Administrative Controls

Conditions and parameters used in the control of sources of water moderation are monitored administratively, except for those associated with air transfer systems. For such exceptions, the conditions and parameters are limited by equipment design to the maximum specified.

Details of the administrative controls are listed below. Actions taken for off-specification monitoring are covered in the contingency plans described in the attached Table.

2.1 Process and operating checks include the following:

- 2.1.1 Dry powder processing is controlled through the use of Standard Operating Procedures (SOP's).
- 2.1.2 Moisture sensing equipment settings will be established by Process Operating Parameter (POP) documents.
- 2.1.3 Moisture sensing equipment readings are monitored both visually and by audible alarm. Readings shall be recorded at the start of each operating shift on the operating data sheet.
- 2.1.4 Moderation control systems will be checked for proper operation at the start of each operating shift and the results recorded on the operating data sheet.
- 2.1.5 Regular review of operating data sheets is performed by operating supervision.
- 2.1.6 Alarm or malfunction of moderation control or sensing equipment will result in actions such as those described on the attached table.

2.2 Equipment maintenance is performed according to the following schedule:

- 2.2.1 Preventive maintenance is regularly performed during process shutdowns.
- 2.2.2 Scheduled inspections of major components of the moderation control system are performed weekly by the maintenance department.
- 2.2.3 Replacement equipment will be equivalent to the components

3.0 Periodic Evaluations

System checks described in section 2.0 above provide for periodic evaluations of moderation control equipment. Moisture sensing equipment calibration will be performed at least annually.

4.0 Contingency Plans

Contingency plans are described in the attached table. Operating documents will reflect the actions outlined in this table.

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EX 3

Further

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