



NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS

QMP-16-02

Revision 0

TREND ANALYSIS

UNCONTROLLED

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WM-11 PDR

**UNITED STATES DEPARTMENT OF ENERGY
NEVADA OPERATIONS OFFICE**

TREND ANALYSIS

Originated by: QASC

Approved by/date: *W. K. Smith*
WMPD Director 10/29/84

Effective date: 12/10/84

UNCONTROLLED

A. R. Smith
DOE/NV QAD Director 11-19-84

A. Klein 10-16-84
QASC QA Manager

1.0 PURPOSE AND SCOPE

This procedure establishes the method and assigns the responsibility for the performance of trend analysis on conditions reported to be adverse to the quality of NNWSI Project activities.

2.0 APPLICABILITY

This procedure is applicable to those WMP0 and QASC personnel who are assigned the responsibility of the performance, analysis, and review of quality trends.

3.0 DEFINITIONS

3.1 Trend Analysis: The act of reviewing information to determine its tendency to deviate from an acceptable norm or standard. The data used in the analysis may be arranged in graphic, tabular, or other convenient format.

3.2 Appendix A, definitions, of NNWSI-SOP-02-01 contains the general definitions used in conjunction with the NNWSI Project.

4.0 RESPONSIBILITIES

4.1 The QASC shall be responsible for obtaining quality related information, performing trend analyses, reporting results, and for making recommendations to the Director, WMP0, regarding any corrective action to be taken.

4.2 WMP0 shall be responsible for review of the trend analysis reports, and QASC recommendations, and for the approval of any recommended corrective action.

5.0 PROCEDURE

5.1 The QASC QA Manager, or his designee, shall review audit findings, surveillance reports, nonconformances, or other appropriate sources of information to establish the trend of those conditions that are adverse to quality. The results of the trend analyses will be used to determine whether or not corrective action could be applied to reduce or eliminate the adverse condition.

5.2 The format used to determine the trend of the data being analyzed shall be at the discretion of the QASC QA Manager. To facilitate interpretation, this information shall be plotted on either charts or graphs.

5.3 The responsibility for reviewing the trend analysis charts shall belong to the QASC QA Manager. If the analysis trends become negative and corrective action becomes necessary, then it shall be the responsibility of the QASC QA Manager to issue a Corrective Action Request.

5.4 The trend analysis reports shall be sent on a semiannual basis to the Director, WMPO, for his action. Copies shall be sent to the WMPO Branch Chiefs and the PQM for information, and the WMPO QA record file.

6.0 REFERENCES

6.1 NNWSI Project Quality Assurance Plan, NV0-196-17

6.2 NNWSI-SOP-02-01, QAPP Requirements

AT THIS TIME
THERE ARE NO QMPs
THAT WOULD AFFECT
THIS SECTION

NONCONFORMANCE CONTROL

Originated by: QASC

Approved by/date: *[Signature]*

WMPO Director 10/29/84

Effective date: 12/10/84

[Signature]
DOE/NV QAD Director 11-19-84

UNCONTROLLED

[Signature] 10-16-84
QASC QA Manager

1.0 PURPOSE AND SCOPE

The purpose of this procedure is to define the responsibilities and methods that provide a uniform approach to meeting the requirements of the NNWSI Project QAP for control and documentation of nonconformances generated by the WMPD staff.

2.0 APPLICABILITY

This procedure is to be followed for the control of all nonconformances that are generated by the WMPD staff.

3.0 DEFINITION

3.1 Nonconformance: A deficiency in the characteristic, documentation, or procedure that renders the quality of an item or activity unacceptable or indeterminate.

3.2 WMPD staff: Personnel in the WMPD, DOE/NV matrix personnel, and QASC personnel who support the NNWSI Project.

4.0 RESPONSIBILITIES

The WMPD staff shall be cognizant of and shall implement the intent and procedural controls of NNWSI-SOP-15-01 for nonconformance detection, reporting, and follow-up.

5.0 PROCEDURE

5.1 The NNWSI-SOP-15-01 shall be followed in its entirety when the nonconformance is generated on an activity for which a Participating Organization or NTS Support Contractor has responsibility.

5.2 If the nonconformance involves an activity that is the direct responsibility of the WMPD staff, the following changes to NNWSI-SOP-15-01 shall apply.

5.2.1 The WMPD staff responsible for the activity shall be responsible for providing the disposition to the NCR.

5.2.2 The references to PQA in NNWSI-SOP-15-01 shall be interpreted as the QASC for the purpose of this procedure.

5.2.3 The appropriate WMPD Branch Chief shall approve the NCR disposition.

6.0 REFERENCES

6.1 NVO-196-17, NNWSI Project Quality Assurance Plan.

6.2 NNWSI-SOP-15-01, NNWSI Project Nonconformance Control System.