

Part I – The Schedule

Section E

Inspection and Acceptance

This page intentionally left blank.

Contents

E.1 Clauses Incorporated by Reference – Section E	E-1
E.2 DOE-E-2001 Inspection and Acceptance (Oct 2014)	E-3

Table

Table E-1. Clauses Incorporated by Reference	E-1
--	-----

This page intentionally left blank.

The QAP must describe how the quality assurance criteria from DOE O 414.1, 10 CFR 830, Subpart A, and the Quality Assurance Requirements and Description (QARD) (as applicable) are satisfied. The Contractor shall use voluntary consensus standards in the development and implementation of the QAP, where practicable and consistent with contractual and regulatory requirements. Where appropriate, the Contractor must use a graded approach to implement the QAP that is commensurate with hazards, lifecycle of facilities and other risks. The basis of the graded approach utilized shall be documented, and submitted to DOE for approval.

- (1) For Hazard Category 1, 2, and 3 nuclear facilities:
 - (i) Existing facilities, or new facilities and major modifications to existing facilities achieving Critical Decision 1 (CD-1) prior to May 8, 2013 may continue to use the consensus standard cited in the DOE-approved QAP.
 - (ii) New facilities and major modifications to existing facilities achieving (CD-1) use ASME NQA-1-2008 with the NQA-1a-2009 addenda (or a later edition), *Quality Assurance Requirements for Nuclear Facility Applications*, Part I and applicable requirements of Part II. Note: where NQA-1, Part II language uses the terms “nuclear power plant” or “nuclear reactor”, these terms are considered equivalent to the term “nuclear facility.”
 - (iii) Consensus standard(s) that provide an adequate level of quality assurance and meet the intent of paragraphs (ii) above may be used. The QAP must document how the selected consensus standard is (or a set of consensus standards are) used, as well as how the selected consensus standard(s) is appropriate.
- (2) For other activities and facilities (e.g., less than hazard category 3, non-nuclear, or chemically hazardous), the Contractor shall use, in whole or in part, appropriate standards. Examples of appropriate standards include:
 - (i) American Society of Mechanical Engineers [ASME] NQA-1a-2009 addenda (or later edition), *Quality Assurance Requirements for Nuclear Facility Applications*, Part I and applicable requirements of Part II;
 - (ii) ASME NQA 1-2000, *Quality Assurance Requirements for Nuclear Facility Applications*, Part I and applicable requirements of Part II;
 - (iii) ANSI/ISO/ASQ Q9001-2008 (or later edition), *Quality Management Systems – Requirements*; and
 - (iv) ANSI/ASQ Z1.13-1999 (or later edition), *Quality Guidelines for Research*.
- (b) The Contractor shall include applicable requirements of the higher-level quality standard(s) listed in paragraph (a) of this clause and the requirement to flow down such standards, as applicable, to lower-tier subcontracts, in—
 - (1) Any subcontract for critical and complex items (see 46.203(b) and (c)); or
 - (2) When the technical requirements of a subcontract require—
 - (i) Control of such things as design, work operations, in-process control, testing, and inspection; or
 - (ii) Attention to such factors as organization, planning, work instruction, documentation control, and advanced metrology.

E.2 DOE-E-2001 Inspection and Acceptance (Oct 2014)

Inspection and acceptance of all items under this Contract shall be accomplished by the Contracting Officer in accordance with the clauses listed in this Section. If the Contracting Officer assigns this responsibility to the Contracting Officer's Representative or another representative of the Government, the Contracting Officer shall notify the Contractor in writing.

This page intentionally left blank.