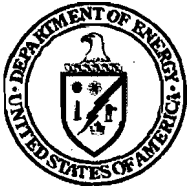


# Standard QA Contract Language



Department of Energy  
Washington, DC 20585

AUG 21 2009

MEMORANDUM FOR DISTRIBUTION

THROUGH:

JAMES M. OWENDOFF *JO*  
CHIEF OPERATIONS OFFICER FOR  
ENVIRONMENTAL MANAGEMENT *loff*

FROM:

J. E. SURASH *JES*  
DEPUTY-ASSISTANT SECRETARY FOR  
ACQUISITION AND PROJECT MANAGEMENT *8/21/2009*

SUBJECT:

New Quality Assurance (QA) Clause for Work Affecting  
Nuclear Safety

The success of the Office of Environmental Management (EM) depends upon the extent of its products and services to **satisfy** customer requirements and expectations. By a memorandum dated November 5, 2008, Dr. Inés Triay, as Principal Deputy Assistant Secretary, approved the issuance and implementation of the EM *Quality Assurance Program* (EM-QA-001, Revision 0, 10/20/2008) (EM-QAP). EM-QA-001 (EM-QAP) adopts the ASME NQA-1-2004 *Quality Assurance Requirements for Nuclear Facility Applications* and addenda through 2007 as the national consensus **standard** to facilitate consistent implementation of quality assurance across all of EM's activities and projects. Requirements of the EM QAP are applied in a graded fashion commensurate with the **type** and importance of work being performed. It is expected that the **requirements** of DOE O 414.1C "*Quality Assurance*" and 10 CFR 830, Subpart A "*Quality Assurance Requirements*" will be met through implementation of the EM QAP.

The EM QAP focuses on customer requirements and expectations, embraces continuous improvement and ensures **work** is performed correctly. The EM QAP reflects industry experience and current understanding of the quality assurance requirements for establishing and executing quality assurance programs during siting, design, construction, operation and decommissioning of nuclear facilities affecting nuclear safety. In order to implement the EM QAP as a part of the Contractor's Quality Program, the **attached** Section H clause entitled "Quality Assurance (QA) Work Affecting Nuclear Safety," is required to be included in all new contracts awarded **after** October 1, 2009, that deal with work affecting nuclear safety.

If you have questions, please contact Mike Howard, Director, **Office of Procurement Planning**, at (202) 586-8162 or Sandra Waisley, Director, Office of Standards and Quality Assurance, at (202) 586-3087.

Attachment



**cc:**

Dae **Chung**, Deputy Assistant Secretary for Environmental Management, EM-2  
Frank Marcinowski, Deputy Assistant Secretary for Regulatory Compliance, EM-10  
Mark A. **Gilbertson**, Deputy Assistant Secretary for Engineering and Technology, EM-20  
Merle **Sykes**, Deputy Assistant Secretary for Program Planning and Budget, EM-30  
Diane Cochran, Deputy Assistant Secretary for **Human** Capital and Business Services,  
EM-40  
Steven L. **Krahn**, Acting Deputy Assistant Secretary for Safety Management and  
Operations, EM-60  
Thad T. **Konopnicki**, Associate Administrator for Infrastructure and Environment, NA-50  
Dennis Miotla, Acting Manager, Idaho Operations **Office** (ID)  
Gerald Boyd, Manager, Oak Ridge Office (OR)

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David A. **Brockman**, Manager, **Richland** Operations Office (RL)  
Shirley Olinger, Manager, Office of River Protection (**ORP**)  
**Jeffrey** M. Allison, Manager, Savannah River Operations Office (SR)  
David C. Moody, Manager, **Carlsbad** Field Office (CBFO)  
William E. **Murphie**, Manager, **Portsmouth/Paducah** Project Office (PPPO)  
Jack Craig, Director, Consolidated Business Center Ohio (CBC)  
Melanie **Pearson** Hurley, Acting Director, Office of Small Sites Projects  
Fred **Butterfield**, Acting Director, Office of Site Support  
Tom Vero, Acting Director, Brookhaven Federal Project Office (BNL)  
Richard Schnassburger, Director, Oakland Projects Office  
John **Rampe**, Director, Separations Process Research Unit (SPRU)  
Bryan Bower, Director, West Valley Demonstration Project Office (WVDP)  
Donald Metzler, Director, Moab Federal Project Office (MOAB)  
Richard B. **Provencher**, Deputy Manager, Idaho Operations Office (ID)  
Steve **McCracken**, Assistant Manager, Oak Ridge Office (OR)

## QUALITY ASSURANCE (QA) FOR WORK AFFECTING NUCLEAR SAFETY

The **Contractor** shall implement a DOE-approved Quality Assurance Program (QAP) (Deliverable X.X.X.X) in **accordance** with the EM Quality Assurance Program, **EM-QA-001**, prior to commencement of work affecting nuclear safety. The EM QAP provides the basis to achieve quality across the EM complex for all mission-related work while providing a consistent approach to Quality Assurance (QA).

EM requires that American Society of Mechanical Engineers (**ASME**) **NQA-1, 2004, *Quality Assurance Requirements for Nuclear Facility Applications***, and addenda through 2007 be **implemented** as part of the Contractor's QA Program for work **affecting nuclear safety**. The required portions of NQA-1 to be implemented include: **Introduction**, Part 1, and as applicable portions of **Part II**. NQA-1 Parts **III** and **IV** are to be used as guidance for the Contractor's QAP and implementing procedures.

Contractors **have** three options for complying with this contract requirement:

1. Develop and submit **for** DOE approval a new QAP;
2. Adopt the prior Contractor's DOE-approved QAP; or,
3. Modify the prior Contractor's DOE-approved QAP **and** submit it for DOE approval.

Development of a new QAP, or adoption of an existing or modified version of a QAP from a prior contractor, does not **alter** a contractor's legal obligation to comply with 10 CFR 830, other regulations affecting quality assurance (QA) and DOE Order **414.1C**.

The Contractor's QAP shall describe the overall implementation of the EM QA requirements and shall be applied to all work performed by the Contractor (**e.g.**, research, **design/engineering**, construction, operation, budget, mission, safety, and health).

The Contractor shall develop and implement a comprehensive Issues **Management** System for the identification, assignment of significance category, and processing of nuclear safety-related issues identified within the Contractor's organization. The significance assigned to the issues shall be the basis for all actions taken by the contractor **in** correcting the issue from initial causal analysis, reviews for reporting to DOE, through completion of Effectiveness Reviews if required based on the seriousness of the issue.

The Contractor shall, at a minimum, annually review and update as appropriate! their **QAP**. The review and any changes shall be submitted to DOE for approval. Changes shall be approved before implementation by the Contractor.