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ITER Institute Letter of Intent to the CNSC

Attachment 4

Proposed Quality Assurance Program Development

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4.1 Objective

The Iter Quality Assurance Program (QAP) will be developed with the purpose of assuring that all activities of the Iter International Fusion Energy Institute (the Iter Institute) and the groups governed or contracted by the Iter Institute will be performed consistent with ISO9001.

4.2 Quality Assurance Program (QAP) Contents

The President of the Iter Institute (Executive Director) has the overall responsibility for Quality. The Deputy Director responsible for Quality and Safety, reporting directly to the Executive Director, is responsible for development of the integrated QAP and ensuring its implementation.

The Iter QAP will include the following:

1. A defined Quality Policy
2. A description of the Iter Institute organization structure
3. A matrix of the authorities, responsibilities and interfaces of the members of the organization
4. A description of the process for continuity of responsibilities and authorities throughout the organizational changes as per Section 5.6
5. A description of the interface between the Iter Institute organization and other organizations (contractors, regulatory bodies, etc.)
6. Qualifications and Training
7. Quality Assurance requirements for contracting organizations
8. A description of the processes for Design Control, including design planning, design change control, technical interfaces, verification/validation, assessment
9. A description of the documentation hierarchy and process for documentation control
10. A description of the purchasing process including the requirements for the preparation of purchasing documents, evaluation of sub-contractors, verification of delivered product, product identification
11. Requirements and responsibilities for product inspection, testing, handling, packaging and delivery
12. Management Systems which implement the QAP

The current standards underlying the Iter QA Program are derived from ISO9001, and the adoption of ISO standards for the subsequent phases of the project is to be the reference standard.