



***** Baseline Scenario: DSA/TSR WBS Dictionary *****
U.S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION

1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC		2. DATE 01/08/2004	3. IDENTIFICATION NUMBER DE-AC05-98OR22700
4. WBS ELEMENT CODE 1.12.05.02.02.03		5. WBS ELEMENT TITLE PORTS Authorization Basis Documents	
6. INDEX LINE NO.	7. REVISION NO. AND AUTHORIZATION N/A		8. DATE N/A
9. APPROVED CHANGES N/A			
10. SYSTEM DESIGN DESCRIPTION			11. BUDGET AND REPORTING NUMBER
12. ELEMENT TASK DESCRIPTION WBS GRAPHIC See attached. INTRODUCTION This task provides coordination for the development and maintenance of Authorization Basis (AB) Documents for Category 2 and 3 nuclear facilities, radiological facilities with less than category 3 quantities of radiological material, and non-nuclear, and non-radiological standard industrial facilities at the Portsmouth site. Category 2 and 3 facilities will (1) comply with 10 CFR 830 subpart B "Safety Basis Requirements" (new rule) and (2) meet DOE expectations and guidance regarding the rule as documented in DOE G 421.1-2. A Basis for Interim Operations for the Cylinder yards developed in accordance with DOE-STD-3011-94 with a DOE-STD-3009-94 Hazard Analysis (scheduled to be submitted to DOE in November, 2002) was funded in FY02. The implementation plan and support will be developed as a part of the FY03 scope. A BIO for the Remaining Category 2 Facilities (scheduled to be submitted to DOE in March, 2002) was partially funded in FY02. The remainder of the BIO and the implementation plan and support will be developed as a part of the FY03 scope. The implementation scope includes interpretation and flowdown of requirements from the DSA and the TSR into procedures (revisions to current procedures or developing new procedures to flowdown new DSA requirements is not included in this scope). A database will be developed and maintained to link the requirements to the implementing procedure(s). Radiological facilities with less than category 3 quantities of radiological material will be consistent with DOE P 450.4. Hazards and hazard controls will be documented in newly developed Health and Safety Plans (HASP) and/or Auditable Safety Analyses. A HASP with an ASA type hazard analysis will be developed as a part of the FY03 scope. Non-nuclear, non-radiological standard industrial facilities safety analysis, safety requirements, and change control will comply with (1) 29 CFR 1910.120 and 29 CFR 1926.65 requirements for Health and safety plans. PHSs will be reviewed annually and updated as necessary. For activities subject to an authorization basis, configuration control will be maintained to ensure activities remain within the approved authorization basis. Configuration management will be maintained as required by DOE-STD-1073-93 and BJC procedures to ensure the configuration of structures, systems, and components relied upon for safety is maintained. USQ screenings and determinations will be completed in accordance with 10 CFR 830 Subpart B and BJC procedures as necessary for all BJC company level and Portsmouth site level procedure changes and facility changes (Infrastructure) not related to project activities. The Nuclear Criticality Safety program will be administered and managed in accordance with DOE O 420.1A and BJC procedures. This includes technical support and oversight of subcontractor NCS programs. This scope assures that AB documentation is (1) compliant with the appropriate rule and/or DOE Orders and policies, (2) streamlined and simplified as much as possible, and (3) flexible to meet current and near-term planned configurations.			



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<p>12. ELEMENT TASK DESCRIPTION (Continued)</p> <p>in the projects, such as , Waste Disposition, Uranium Warehousing and Alternative Heat.</p> <p>Completion of DSA's by April 10, 2003, which includes BIO's for the Cylinder Yard and Other Category II Facilities.</p> <p>SCOPE DESCRIPTION</p> <p>Release Sites and Facilities</p> <p>Assessments to be completed: None</p> <p>Actions to be completed: None</p> <p>Performance Metrics/Indicators</p> <p>Completion of DSA's by April 10, 2003</p> <p>Past and Future Accomplishments</p> <p>Past Accomplishments (Prior to FY 2003)</p> <ul style="list-style-type: none"> ? Developed strategy for coordination of SAB documents ? Developed implementation plan to meet the regulatory deadline of April 10, 2003, for compliant SAB documentation ? Performed annual USQD updates required by the rule. ? Documented adequacy of existing safety basis as required by the rule ? Developed revised USQ process procedure as required by the rule ? Executed USQD process according to revised procedure ? Performed compliance evaluations by NS/NCS Organization prior to submittal of all SAB documents to DOE. ? Performed sequencing of PSARs relative to procurement and construction as required by the rule ? Developed revised Configuration Management Program for Category 2 & 3 Nuclear Facilities ? Submitted SAR annual update to DOE as required by the rule <p>Future Accomplishments</p> <p>FY2003 Planned Accomplishments/Scope</p> <p>Activities include:</p> <ul style="list-style-type: none"> ? Complete development of a Documented Safety Analysis (DSA) for the uranium cylinder yards and a DSA for all remaining 			



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<p>12. ELEMENT TASK DESCRIPTION (Continued)</p> <ul style="list-style-type: none"> ? Assure execution of USQD process according 10 CFR830 and BJC USQD procedure BJC-NS-1001 approved by DOE. ? Conduct Management Assessments IAW BJC Procedures BJC-NS-1010 and BJC-PQ-1420 of Portsmouth operations to ensure and maintain compliance with PORTS Authorization Basis documents. ? Submit to DOE annual listing of USQDs & Screening Work Sheets developed in FY-02. ? Prepare annual update of DSAs and TSRs if necessary. ? Prepare annual update of Authorization Agreements. ? Update Safety Basis documentation including hazards analyses, etc. to keep current based on facility changes, work changes, hazard changes, etc. ? Train Facility Managers on proper maintaining Ports Authorization Basis for facilities per document / procedure BJC-GM-515. ? Maintain configuration management program for Category 2 & 3 Nuclear Facilities per DOE-STD-1073-93 and BJC-1016. ? Develop and maintain Safety Basis documents for radiological facilities per DOE P 450.4 and BJC-NS-1009. ? Develop and maintain Safety Basis Documents for other industrial facilities per 29CFR1910.120 and 29CFR1926.65.. ? Training to new Safety Basis Documents per DOE O5480.20A ? Prepare/submit annual update to the existing SAR if necessary. ? Fire Hazard analyses will be completed for all Category 2 and 3 nuclear facilities in accordance with DOE O420.1 and BJC/OR-1108.Maintain Nuclear Criticality Safety Program in compliance with DOE Order 420.1 and ANSI Standards identified in the Work Smart Standards. <p>Outyears Scope (FY 2004 through FY 2016 or completion)</p> <p>Activities include:</p> <ul style="list-style-type: none"> ? Assure execution of USQD process according 10 CFR830 and BJC USQD procedure approved by DOE. ? Conduct Management Assessments IAW BJC Procedures BJC-NS-1010 and BJC-PQ-1420 of Portsmouth operations to ensure and maintain compliance with PORTS Authorization Basis documents. ? Submit to DOE annual listing of USQDs & Screening Work Sheets developed in previous fiscal year. ? Prepare/submit annual update of cylinder yard DSA. ? Prepare/submit update of remaining facilities DSA. ? Review and update as required cylinder yard TSR. ? Review and update as required remaining category 2 facilities TSR. ? Prepare annual update of cylinder yard and remaining category 2 facilities Authorization Agreements. ? Maintain configuration management program for Category 2 & 3 Nuclear Facilities per DOE-STD-1073-93 and BJC-1016. ? Maintain Safety Basis documents for radiological facilities. ? Maintain Safety Basis Documents for other industrial facilities. <p>SAFETY AND HEALTH WORK PERFORMANCE</p> <p>It is the core value of Bechtel Jacobs Company that the safety and health of every worker and the public at large, and our environment, are the most important assets we are entrusted to protect. To accomplish this, an Integrated Safety Management System (ISMS), based on DOE's ISMS has been implemented that incorporates the five core functions and is based on the seven guiding principles. The objective of ISMS is to systematically integrate safety and environmental protection into the planning</p>			



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12. ELEMENT TASK DESCRIPTION (Continued) Principles are (1) Line Management Responsibility for Safety, (2) Clear Roles and Responsibilities, (3) Competence commensurate with responsibility, (4) Balanced Priorities, (5) Identification of Safety Standards and Requirements, (6) Hazard Control Tailored to Work Being Performed, and (7) Operations Authorization.			



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12. ELEMENT TASK DESCRIPTION (Continued) Please see attached project summary schedule. EXECUTION YEAR BASELINE Please see attached Budgeted Cost of Work Scheduled Plan. BASELINE BY YEAR Please see attached Baseline by Year Report.			