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U.S. Department of Energy
Oak Ridge Operations Office
P.O. Box 2001
Oak Ridge, TN 37831-8723

Attention: Lester K. Price, Director
Former Sites Restoration Division

Subject: FUSRAP - Submittal of Final 1996 FUSRAP
Management Action Process (MAP) Documents

Dear Mr. Price:

Enclosed are the final versions of the 1996 Management Action Process (MAP) documents for Tonawanda, Maywood, Wayne, St. Louis, and the Other sites. These documents reflect and incorporate the final comments received from Former Sites Restoration Division (FSRD) Site Managers during their review of the draft final documents over the past two weeks.

By copy of this letter and distribution through the FUSRAP Project Document Control Center, a package of updated diskettes containing electronic versions of each of the MAP documents is being provided to Al Johnson's office. Bechtel will also be providing additional copies of the MAP documents to the FSRD Site Managers for distribution to external stakeholders under separate cover within the next few days.

Should you have questions regarding the preparation of the MAP documents, please contact either Gerry Palau at (423) 576-1710 or Bonnie Dings at (423) 241-5319.

Sincerely,

R. R. Harbert
R. R. Harbert
Program Manager - FUSRAP

GLP:kt:LR_1812.DOC

Enclosure: Final versions of the 1996 Management Action Process (MAP)

cc: As provided on PDCC Cover Sheet



Bechtel National, Inc.

ACTION REQ'D	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	DUE DATE _____
RESPONSE TO CHRON NO. _____			
<input type="checkbox"/> FFA <input type="checkbox"/> Permit <input type="checkbox"/> Milestone <input type="checkbox"/> OcR <input type="checkbox"/> CCN <input type="checkbox"/> CAR <input type="checkbox"/> Mid-Yr <input type="checkbox"/> Yr-End <input type="checkbox"/> Periodic Rpt			

ST. LOUIS SITES AT A GLANCE

[Section References in Brackets]

Background

- 4 sites — St. Louis Downtown Site (SLDS); St. Louis Airport Site (SLAPS); SLAPS Vicinity Properties (VPs); Latty Avenue Properties [including Hazelwood Interim Storage Site (HISS)] [2.1]
- 1942–57 — MED/AEC operations at SLDS (uranium processing and recovery by Mallinckrodt) [2.1]
- 1946 — MED acquired SLAPS — used until 1966 to store uranium residues [2.1]
- 1966–67 — Most SLAPS residues sold/removed; onsite structures demolished/buried onsite, covered with clean fill [2.1]
- SLAPS VPs include ~80 commercial/residential properties [2.2.1]

Waste Volumes and Primary Radioactive Contaminants

- SLDS — 246,000 yd³ (uranium-238, thorium-230, radium-226, thorium-232)
- SLAPS — 250,000 yd³ (uranium-238, thorium-230, radium-226, thorium-232)
- SLAPS VPs — 195,000 yd³ (thorium-230)
- Latty Avenue Properties — 211,000 yd³ (uranium-238, thorium-230, radium-226, thorium-232)

Major Environmental Restoration Activities to Date

- 1948–50 — Mallinckrodt decontaminated and released SLDS facilities to criteria then in effect
- 1985 — To control erosion, installed gabion wall on Coldwater Creek (main drainage for SLAPS; discharges to Missouri River)
- 1984–96 — Interim actions at Latty Avenue Properties, SLAPS VPs (haul roads properties), and SLDS (Plant 10)

Regulatory Drivers and Other Requirements

- CERCLA (SARA)/NEPA; Clean Air Act (NESHAPs requirements); Clean Water Act (Safe Drinking Water Act, NPDES stormwater discharge regulations)
- DOE Orders; DOE ER Strategic Plan
- Executive Order 12580; state and local laws and regulations

Key Regulators and Other Stakeholders

- EPA Region VII (Superfund Branch, Kansas City, MO)
- Missouri Department of Natural Resources
- St. Louis Site Remediation Task Force

Key Technical/Cost/Schedule Issues

- Cleanup criteria/supplemental standards for access-restricted soils
- Disposition of access-restricted soils
- Availability of treatment options within the remedy implementation time frame
- Availability of funding necessary to complete selected remedies within reasonable time

Key Stakeholder Issues Identified by St. Louis Site Remediation Task Force

- Local cleanup priorities
- Alternative disposal sites
- Health risks
- Cleanup guidelines
- Potential effects of materials currently stored at SLAPS (or in a future onsite disposal cell) on Coldwater Creek

Risk

- EM-40 Relative Ranking for all sites is high [4.1].
- Radiological carcinogenic risks to future residents and current onsite workers slightly exceed EPA target risk range of 10^{-6} to 10^{-4} [4.3].
- Risks for other receptors are within EPA target risk criteria [4.3].
- No adverse ecological impacts are anticipated [4.4].

Environmental Restoration Strategy

- DOE is developing RI/FS for St. Louis sites per CERCLA [5.2]
- DOE is currently working with St. Louis Site Remediation Task Force to determine stakeholder preferences on final remedy [5.2]
- Signing of record of decision expected 1998

Contacts

- David Adler — DOE Site Manager, Missouri Sites, and ex-officio member of St. Louis Site Remediation Task Force
- Representatives Bill Clay (D) — SLDS; Jim Talent (R) — SLAPS/HISS; and Richard Gephardt (D) — St. Louis area
- Senators John Ashcroft (R) and Christopher Bond (R) — State of Missouri
- Sally Price (Chairman), Anna Ginsburg (Vice-Chairman), Jim Dwyer (Facilitator) — St. Louis Site Remediation Task Force

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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for the St. Louis Site, Missouri



U.S. Department of Energy