

Barcode	Document Name	Document Date	Addressee (To)	Originator (From)	Code No	Box Code
SURF011881	Package: Graphs and Data showing Radiometric Reading. Apparent Radium-226 Concentration-Kut Instrument.	3/24/1976	File	Rad	TUB 699.20(B)	TUBS 21
SURF011882	Package: Delta Data Entry Form, Delta Data Verification Reports , TUB01	4/23/1984	File	Rad	TUB 699.20(B)	TUBS 21
SURF011883	Package: Tuba City Presite-Daily Log of Scintillometer Readings, Exposure Rate Data Verification Reports and Data Entry forms.	2/27/1984	File	Rad	TUB 699.20(B)	TUBS 21
SURF011884	Report: Exposure Rate Pressurized Ionization Chamber Correlation with uR-Survey Instruments. Project - TUB84R. Exposure Rate Correlation Site Specific, Backgrounds.	1/18/1984	File	C. Goodnight, Bendix	TUB 699.20(B)	TUBS 21
SURF011885	Package, 2 Reports: Alpha Contamination Survey, Instrument-Alpha Meter, Project Tuba City.	5/15/1984	File	J. McCaslin, Bendix	TUB 699.20(B)	TUBS 21
SURF011886	Documents: Spectrometer Data Entry, Tuba City, Instrument-Geometrics, Background.	4/23/1984	File	C. Goodnight	TUB 699.20(B)	TUBS 21
SURF011887	Letter and Documents: Enclosed are copies of the sample tickets which describe samples of tailings, evaporation ponds and windblown areas from the Tuba City, site characterization project.	5/30/1984	V. Rogers, Rogers Engineering	C. Goodnight, Bendix	TUB 699.20(B)	TUBS 21
SURF011888	Package, Soil Sample Ticket Books from Tuba City.	5/13/1984	File	J. McCaslin, Bendix	TUB 699.20(B)	TUBS 21
SURF011889	Package: Water Samples, Grid Samples, Water Sediments, Grab Samples.	9/1/1978	File	Lab	TUB 699.20(B)	TUBS 21
SURF011890	Package and Letter: Do not anticipate the need for further amenability Testing on uranium mill tailings. Request for Analytical Services from C. Goodnight.	4/15/1984	D. Seidel, Research Supervisor	F. McGinley, Ford, Bacon, and Davis	TUB 699.20(B)	TUBS 21
SURF011891	Package: Duplicate Samples of MCW-110	7/11/1984	C. Goodnight, Bendix Corp.	Analytical Laboratory	TUB 699.20(B)	TUBS 21
SURF011892	Package: Tuba City Disequilibrium; Certificates of Assay.	6/18/1984	File	Bendix Chemist	TUB 699.20(B)	TUBS 21

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				ry Laboratory		
SURF011893	Package: UMTRA TAC Chemical Analytical Results, TUB01.	1/3/1996	File	Core Laboratory	TUB 699.20(B)	TUBS 21
SURF011894	Memo: Baseline Survey Results for Th-230 Analysis, Tuba City. The results are encouraging, the average being 1.2 pCi/g with a range from 0.5 to 2.1 pC/g.	12/19/1995	S. Wright	M. Brennan	TUB 699.20(B)	TUBS 21
SURF011895	Memo: Residual Thorium Contamination at the Tuba City Disposal Site. It is my opinion that although residual radium contamination poses no substantive potential for creating problems, Th-230 does.	6/29/1995	E. Artiglia, Jacobs Engineering	M. Brennan, Jacobs Engineering	TUB 699.20(B)	TUBS 21
SURF011896	Letter: Report on the presence of Thorium at the Tuba City Site. The report also contains a recommended procedure for determining which areas should be excavated due to presence of Thorium.	3/23/1987	B. Anberg, MK Engineers Inc.	M. Nelson, Jacobs Engineering	TUB 699.20(B)	TUBS 21
SURF011897	Letter: Request of Analysis on Tuba City and Spook Soil Samples. The samples are for Thorium-230.	11/7/1986	J. Themelis, DOE-AL	R. Chessmore, UNC Laboratory	TUB 699.20(B)	TUBS 21
SURF011898	Report: Consist of Thorium-230 Tuba City Processing Site.	2/4/1987	File	The Jacobs-Weston Team	TUB 699.20(B)	TUBS 21
SURF011899	Letter with Attachment: A maximum of 5 soil samples collected at the TUB01 site will be shipped to Core Laboratories, Inc. of Casper, WY the week November 13 for Th-230 analysis.	11/13/1995	A. Archuleta	P. Zietz	TUB 699.20(B)	TUBS 21
SURF011900	Memo and Attachment: Uranium Analysis of Samples from the Tuba City, a maximum of 17 water samples from TUB01 will be sent to IEA, Inc. of Cary, NC for sampling.	8/3/1994	R. Muniz, Jacobs Engineering	P. Zietz	TUB 699.20(B)	TUBS 21
SURF011901	Package: Request for Analytical Services. Tuba City Site Characterization. Uranium and Thorium Analysis for Soil Samples.	5/4/1984	Bendix Analytical Laboratory	C. Goodknight	TUB 699.20(B)	TUBS 21

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SURF011902	Certificate of Assay: Tuba City Characterization. Requisition Number 401174, Requested by C. Goodnight	9/18/1984	File	Bendix Analytical Laboratories	TUB 699.20(B)	TUBS 21
SURF011903	Record of Review: Technical Plan for the Tuba City Site Characterization.	4/20/1984	S. Marusky	C. Goodnight	TUB 699.20(B)	TUBS 21
SURF011920	Letter: TAC committed to submitting a revised calculation of the depth of contaminant dispersion and resultant nitrate concentrations in the uppermost aquifer at the point of compliance at the Tuba C	3/22/1989	M. Matthews, DOE	D. Dubois, Jacobs Engineering	TUB 699.21(C)	TUBS 21
SURF011921	Letter with Attachments: Permeability Study of Materials for Infiltration Analysis-Tuba City. Attached for your use and information please find a calculation relating to the permeability of the Grease	8/25/1986	R. Williams, Jacobs Engineering	J. Oldham, MK	TUB 699.21(C)	TUBS 21
SURF011922	Package, Project UMTRA, Site Tuba City: Long term moisture content. Determine moisture contents for Rogers and Associates to test for retussion Coe.	7/3/1984	File	B. Keshian	TUB 699.21(C)	TUBS 21
SURF011923	Package, Project UMTRA, Site Tuba City: Sensitivity analysis for Radon Barrier.	7/2/1986	File	Jacobs Engineering	TUB 699.21(C)	TUBS 21
SURF011924	Package, Tuba city Radon Barrier Effects of Frost Penetration: Attached is a copy of Calculation Number 18-890-20-00 " Radon Barrier Design Effects of Frost Penetration" prepared by MKE.	10/21/1988	J. Authur, DOE	J. Oldham, MK-Ferguson	TUB 699.21(C)	TUBS 21
SURF011925	Package, Radon Barrier Calculation: Project UMTRA Tuba City, Embankment Design. Radon Barrier Re-evaluation during construction.	1/7/1988	Jacobs Engineering	MK-Ferguson	TUB 699.21(C)	TUBS 21
SURF011926	Package, Memo and Revised Calculations: Enclosed are revised calculation for the radon barrier at Tuba City showing the thickness required to meet the EPA standard for radon emanation. These calculations	11/7/1988	J. Arthur, DOE	J. Oldham, MK	TUB 699.21(C)	TUBS 21

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