

UNITED STATES NUCLEAR REGULATORY COMMISSION REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TEXAS 76011-8064

December 14, 2001

Earth Systems Pacific ATTN: J. M. Sims President 308 North First Street Lompoc, CA 93436

SUBJECT: LICENSE AMENDMENT

Please find enclosed Amendment No. 03 to License No. 04-23286-01. You should review this license carefully and be sure that you understand all conditions. If you have any questions, you may contact me at (817) 860-8197.

NRC expects licensees to conduct their programs with meticulous attention to detail and a high standard of compliance. Because of the serious consequences to employees and the public that can result from failure to comply with NRC requirements, you must conduct your radiation safety program according to the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

- 1. Operate by NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
- 2. Notify NRC in writing of any change in mailing address.
- 3. By 10 CFR 30.36(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license:
 - a. When you decide to terminate all activities involving materials authorized under the license; or
 - b. If you decide not to complete the facility, acquire equipment, or possess and use authorized material.
- 4. Request and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material more than the amount or form authorized on the license;
 - c. Add or change the areas or address(es) of use identified in the license application or on the license; or
 - d. Change the name or ownership of your organization.

Earth Systems Pacific

 Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.

In addition, please note that NRC Form 313 requires the applicant, by signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signatory for the application should be the licensee or certifying official rather than a consultant.

NRC will periodically inspect your radiation safety program. Failure to conduct your program according to NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), NUREG 1600.

Thank you for your cooperation.

Sincerely,

Jack E. Whitten, Senior Health Physicist Nuclear Materials Licensing Branch

Docket: 030-30653 License: 04-23286-01 Control: 468800

Enclosures: As stated

NRC FORM 374 U.S. NUCLEAR REGULATO	DRY COMMISSION PAGE <u>1</u> OF <u>3</u> PAGES Amendment No. 03						
MATERIALS LICENSE							
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.							
Licensee	In accordance with letter dated						
	September 28, 2001						
1. Earth Systems Pacific	3. License number 04-23286-01 is amended in						
2. 308 North First Street Lompoc, CA 93436	its entirety to read as follows:						
2. 308 North First Street	4. Expiration date September 30, 2003						
Lompoc, CA 93436	5. Docket No. 030-30653						
	Reference No.						
 Byproduct, source, and/or special nuclear material Chemical and/or phy 	sical form 8. Maximum amount that licensee may possess at any one time under this license						
A. Cesium 137 A. Sealed Sour (Troxler Dwg	1 1000 77						
B. Americium 241 B. Sealed neutr	B. Sealed neutron sources (Troxler Dwg. A-102451) B. Not to exceed 50 millicuries per source and 300 millicuries total						
9. Authorized use A. and B. For use in Troxler Model 3400 Series Moisture-Density gauges to measure properties of							
construction materials.	TIONS						
 Licensed material may be used at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States. 							
If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.							

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	MATERIALS LICENSE		License Number 04-23286-01 Docket or Reference Number 030-30653	_	
		SUPPLEMENTARY SHEET		Amendment No. 02	_
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11.	ind wh	lividuals who have successfully completed	the manufac	on and in the physical presence of, Ted Cios or turer's training program for gauge users and ficer, Ted Cios. The licensee shall maintain	
12.	Sea	aled sources containing licensed material	shall not be op	pened.	
13.	A.	intervals not to exceed 6 months. Any so	ource received	tested for leakage and/or contamination at d from another person which is not performed within 6 months before the transfer	
	B.	Any source in storage and not being use storage for use or transfer to another per		e tested. When the source is removed from be tested before use or transfer.	
	C.	test sample. If the test reveals the prese the source shall be removed from service with Commission regulations. A report s known with the U. S. Nuclear Regulatory	nce of 0.005 and deconta hall be filed w Commission, , Division of N	0.005 microcurie of radioactive material on the microcurie or more of removable contamination, aminated, repaired, or disposed of in accordance ithin 5 days of the date the leak test result is Region IV, 611 \ryan Plaza Drive, Suite 400, Nuclear Materials Safety. The report shall ctive action taken.	,
	D.		hall be perform	for analysis by Radiation Detection Company or med by persons specifically licensed by the ervices.	r
14.	dev			6) months to account for all sources and/or ds of the inventories shall be maintained for two)
15.		e licensee may transport licensed material ckaging and Transportation of Radioactive		e with the provisions of 10 CFR Part 71,	

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with the statemen listed below. The representations a regulations. A. Letter da B. Applicati C. Letter da	ts, representations, and procedures contain Nuclear Regulatory Commission's regulatio	d December 12, 2001
	FOR THE	U.S. NUCLEAR REGULATORY COMMISSION
	FOR THE	U.S. NUCLEAR REGULATORY COMMISSION

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