NRC FORM 591M P	NRC FORM 591M PART 1 U.S. NUCLEAR REGULATORY COMMISSION							
10 CFR 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
1. LICENSEE/LOCATIO	1. LICENSEE/LOCATION INSPECTED: 2. NRC/REGIONAL OFFICE							
Alpha-Omega Services, Inc. 4921 Parkview Place St. Louis, MO 63108			Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210					
REPORT NUMBER(S) 13-001			Lisle, IL 60532-4352					
3. DOCKET NUMBER(S)	4. LICENSE NUMB	ER(S)	5. DATE(S) OF INSPECTION	N.			
150-00004		General Licer	ense Per 10 CFR 150.20 7/29 & 31/13					
LICENSEE:		1						
The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:								
2. Previous	2. Previous violation(s) closed.							
3. The violations(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.								
	Non-cited violation(s) were discussed involving the following requirement(s):							
					•			
4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.								
(Violation	s and Corrective Actions)							
	i.				-			
and the second second								
Statement of Corrective Actions								
I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.								
TITLE	PRINTED NAME		SIGNATURE		DATE			
LICENSEE'S REPRESENTATIVE								
NRC INSPECTOR	Robert G. Gattone, Jr. / Ryan J. (Craffey	Roles 2. Hattare Jr. / Rok 1 H. S	attrep. for R.C.	8/14/13			
BRANCH CHIEF	Aaron T. McCraw		A-MI		8/16/13			
NRC FORM 591M PART	1 (07-2012)	2			/			

NDO FORM FORM PART 2								
NRC FORM 591M PART 3 (07-2012) 10 CER 2 201		Docket File Info		ICLEAR REGULATORY COMMISSION				
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
1. LICENSEE/LOCATION INSPECT	ED:		2. NRC/REGIONAL OFFICE					
Alpha-Omega Services, Ir	nc.		Region III	<i>.</i>				
4921 Parkview Place	ю.		U. S. Nuclear Regulatory Commission					
St. Louis, MO 63108			2443 Warrenville Road, Suite 210					
			Lisle, IL 60532-4352	-				
REPORT NUMBER(S) 13-001	1							
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION				
150-00004		General License	Per 10 CFR 150.20	7/29 & 31/13				
6. INSPECTION PROCEDURES US	,ED	7. INSPECTION FOCU	7. INSPECTION FOCUS AREAS					
87126, TI 2800-038		03.01-03.06	03.01-03.06					
	SUPPLE	MENTAL INSPECT						
1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTAC	T	4. TELEPHONE NUMBER				
03226	N/A	Troy Hedger, RS	Troy Hedger, RSO (5					
Main Office Inspec	ction	Next Inspection	ו Date: N/A					
Field Office Inspec								
	tion							
✓ Temporary Job Sit	te Inspection Bar	nes Jewish Hospital	, St. Louis, MO					
		PROGRAM SC						
The licensee is authorized by California Radioactive Materials License 3925-19 to use sealed cobalt-60 sources at temporary job sites incident to the installation, maintenance and source exchange involving Elekta Instruments Leksell Gamma Stereotactic Radiosurgery (GSR) units. The customer, Washington University in St. Louis, is authorized for storage of GSR cobalt-60 sources in the shipping container for source replacement. The inspectors were unable to observe the unloading or the reloading of sources because the job was delayed because of a damaged O-ring on the shipping cask that was used to deliver the new sources. The licensee received a new shipping cask after the inspection and it completed the source exchange without incident. Per its Quality Assurance Program, the licensee generated a Non-Compliance Report regarding the damaged O-ring and informed the shipper (Nordion) about it. PERFORMANCE OBSERVATIONS The inspectors observed: (1) licensee staff members setup and prepare reloading equipment and associated shielding in the treatment room; (2) that the new GSR sources were stored in the shipping package in preparation for reload operations; (3) that independent surveys conducted by the inspectors with an NRC owned, calibrated survey instrument indicated dose rates of up to 16 mR/hr on the surface of the package without the overpack, and the results were similar to the licensee's survey results; (4) demonstrations of how the licensee unloaded and reloaded sources; (5) a demonstration of how an authorized user would recover a source that was dropped in the hot cell during reloading; (6) that both users wore appropriate whole body and extremity dosimetry badges, including direct-reading electronic dosimeters; (7) leak test records for the old and new sources; (8) electronic dosimetry records maintained by the licensee at the job site which indicated that both users had received about 2 millirem from licensed activities that were								
indicating that the sources alarming ratemeter alarm authorized user demonstr respond if the operability Form 241 records showin	es were sent in a Typ ned at 100 mR/hr; (1 rate how he had con v checks failed; (14) ng that the licensee was done; and (16) n	pe B package; (11) t 12) that the licensee's inducted operability c) the manufacturer's was authorized purs records of licensee r	that an authorized user kn 's survey instruments wer checks of survey instrume sealed source certificate suant to 10 CFR 150.20 to removable contamination	ents, and he knew how to for the new sources; (15) NRC to perform the source exchange n survey results for selected				