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NRC FORM 591M PART 1 (10-2003) 10 CFR 2:201		U.S. NUCLEAR REGULATORY COMMISSION			
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION					
1. LICENSEE/LOCATION INSPECTED: Thermal Engineering International Utility Products Division 2702 W. 9 <sup>th</sup> Street Joplin, Missouri 64801		2. NRC/REGIONAL OFFICE			
		U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210			
REPORT NUMBER(S) 20	08-001	Lisie, Illinois 60532	-4351		
3. DOCKET NUMBER(S)	4. LICENSEE NUN	MBER(S)	5. DATE(S) OF INS	PECTION	
030-17798 LICENSEE:	24-19500-01		April 8 , 2008		
The inspection was an examination of to compliance with the Nuclear Regular The inspection consisted of selective and observations by the inspector. The selection of the inspection findings, n	atory Commission (Ni examinations of proce ne inspection findings	RC) rules and regulatio edures and representat are as follows:	ns and the conditions	of your license.	
2. Previous violation(s) closed.	o viciations word identified	•			
3. The violation(s), specifically describ identified, non-repetitive, and corrective 1600, to exercise discretion, were satisfactors.	e action was or is being tal	as non-cited violations, are i ken, and the remaining criteri	not being cited because the ia in the NRC Enforcement	y were self- Policy, NUREG-	
4. During this inspection certain of you cited. This form is a NOTICE OF VIOL (Violations and Corrective Actions	ATION, which may be subj	elow and/or attached, were i lect to posting in accordance	n violation of NRC requirem with 10 CFR 19.11.	i <b>ents and</b> are being	
Licens I hereby state that, within 30 days, the actions corrective actions is made in accordance with the date when full compliance will be achieved).	s described by me to the In he requirements of 10 CFR	2.201 (corrective steps alre-	ect the violations identified. ady taken, corrective steps	which will be taken,	
	rinted Name		nature	Date	

4/8/08

NRC FORM 591M PART 1 (10-2003)

Geoffrey M. Warren

Considerations and among kind of the first and applied to the first parties of the consideration of the considerat

LICENSEE'S REPRESENTATIVE

NRC INSPECTOR

NRC FORM 591M PART 3 (10-2003) 10 CFR 2.201	Docket File		J.S. NUCLEAR REGULATORY OMMISSION		
		CTION REPORTICE INSPECTION			
1. LICENSEE     Thermal Engineering International     REPORT 2008-001     NUMBER(S)		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville F Lisle, IL 60532	Road, Suite 210		
3. DOCKET NUMBER(S) 030-17798	4. LICENSE NUMBER(S) 24-19500-01		5. DATE(S) OF INSPECTION April 8, 2008		
6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS 03.01 — 03.07				
SI	UPPLEMENTAL INSP	ECTION INFORMATION			
1. PROGRAM CODE(S) 2. PRIORITY 03320 1	3. LICENSEE CONTACT Nick Darnell, RSO 4. TELEPHONE NUMBER 417-782-5080 x256				
X Main Office Inspection Next Inspection Date: April 2009  Field Office  Temporary Job Site Inspection					
PROGRAM SCOPE  The licensee, a manufacturing company that produced pressure vessels up to 50 feet long, performed					
radiography to evaluate the welds on the vessels. While authorized to perform radiographic operations at temporary job sites throughout NRC-regulated areas, the licensee performed radiography only on their premises in Joplin, Missouri, using two radiography cameras as authorized on the license. All radiographic operations were performed as temporary job sites, and large concrete blocks were used to provide shielding. The radiography cameras were used approximately daily at the facility by two radiographers and four assistant radiographers.					
Performance Observations					
The inspector was unable to observe any radiographic exposures during the inspection because none were performed at that time. Licensee personnel described radiographic operations, including site preparation, supervision, and release, and demonstrated checks of safety equipment, including survey meters and ratemeters. The inspector performed independent and confirmatory radiation measurements which indicated results similar to licensee survey records and instrumentation and appropriate for licensee postings. Interviews with licensee staff indicated an adequate knowledge of radiation safety concepts and procedures.					
The maximum radiation exposure to licensee radiographic staff in 2007 was 109 mrem.					