ME (SAN	591M PAR	RT 1		U.S. NU	CLEAR REGULATO	ORY COMMISSION			
(4-2008) 10 CFR 2.201		/ INDESTIGN			SECTION	\mathcal{L}			
		SAFETY INSPECTION	REPORT	TAND COMPLIANCE INS	SPECTION	//			
1. LICENSEE	LOCATION	NINSPECTED:		2. NRC/REGIONAL OFFICE					
W.R.	Grace	and Company		Region I					
5215	Kenn	e and Company wedy Avenue go, Indiana		Region III 2443 Warrewille Rd. Lisle, IL 60018					
Ent	CLica	Tili		Lisle IL 60018					
LAS I	MARER(S)	go, INDIANG							
3. DOCKET N		2008-001	4. LICENSE N	IIIMDED/S/	5. DATE(S) OF INSP	ECTION			
				• •	11/19/08				
030-1	4717		1- 11	5 64-02	11/19/08				
Regulatory C procedures a	Commission and represo	n (NRC) rules and regulations and the entative records, interviews with person	e conditions of onnel, and obs	license as they relate to radiation safet f your license. The inspection consiste servations by the inspector. The inspec	d of selective exami	inations of			
1. E	1. Based on the inspection findings, no violations were identified.								
2. F	Previous violation(s) closed.								
L r	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, NUREG-1600, to exercise discretion, were satisfied.								
		non-cited violation(s) were discusse	ed involving th	ne following requirement(s):					
c	ited. This	form is a NOTICE OF VIOLATION, wi	rhich may be s	pelow and/or attached, were in violation subject to posting in accordance with 10		its and are being			
I herehy state	a that with			Corrective Actions	identified. This	statement of			
corrective ac	ctions is ma	ade in accordance with the requiremen	nts of 10 CFR	ector will be taken to correct the violation in 2.201 (corrective steps already taken, written response to NRC will be required	corrective steps whi	ich will be taken.			
тц	Ē	PRINTED NAME		SIGNATURE		DATE			
LiCENSEE									
NRC INSPE	CTOR	Robert G. Gatton	10 JC	Robert I State	1	11/19/08			

NRC FORM 591M PART 3			U.S. NUCLEAR REGULATORY COMMISSION					
(4-2008) 10 CFR 2.201		Docket File Information	Oocket File Information					
SA	FETY INSPEC	CTION REPORT AND COMPLIANC	E INSPECTION					
1. LICENSEE/LOCATION INSPE	CTED:	2. NRC/REGIONAL OFFICE	2. NRC/REGIONAL OFFICE					
W.R. Grace and Co	mpany	REGION III	REGION III					
REPORT NUMBER(S) 200)8-001	TIEGIOIV III						
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION					
03014415		13-11504-02	11/19/08					
6. INSPECTION PROCEDURES	USED	7. INSPECTION FOCUS AREAS						
87124		03.01- 03.07						
1. PROGRAM CODE(S)	SUP 12. PRIORITY	PPLEMENTAL INSPECTION INFORMATION 13. LICENSEE CONTACT	4. TELEPHONE NUMBER					
03120	5	Martin Bourquin, RSO	423-697-8216					
03120		Martin Bourquin, NGC	423-097-0210					
Main Office Ins	pection	Next Inspection Date: 11/19/2	2013					
Field Office Ins	naction							
r leid Office ins	pection		_					
Temporary Job	Site Inspection							
PROGRAM SCOPE								
and coating molds. within vessels and puther RSO who was not assess implement management, review	The licensee us pipes. All of the lot at the facility station of the rad wing radiation do	dividuals to manufacture colloidal silica sed several fixed gauges to measure le gauges contained cesium-137 sources during the inspection, the RSO visited liation safety program, which included hose records, reviewing leak test records ntory of all licensed material, and verify	evel of vessel contents and density s. Based on a teleconference with the facility at least every 6 months having discussions with facility s, reviewing shutter check					
49897 that was last battery test result, re radiation surveys; (3 of the material was pig containing a sea per hour; (5) that the 0.7 millirem per hou	rved: (1) an authorized in Oceplace the batters) an authorized accounted for; (alled source, and individuals where at the surface ure; (8) an authorized	erformance Observations horized user conduct an operability chectober 2008; (2) an authorized user ider ries, and verify that the battery test pas user conduct a physical inventory of lic 4) that his survey instrument read 12 m I the licensee's measurement of the sai to used the gauges were authorized; (6) of a lock box containing a sealed source prized user demonstrate how he had pr	ntify a failed survey instrument seed prior to using it to conduct censed material and verify that all nillirem per hour at the surface of a me area resulted in 13 millirem b) that his survey instrument read ce; (7) licensee staff implement					

In addition, the inspector noted that the "South Regenerator Bottom" gauge (i.e., Ronan Model SA1-F37, Serial 7653) had shutter lock-out hardware with grooved openings that could eventually compromise the ability to lock the shutter closed if the groove openings widened with time. Specifically, the metal loops for threading the padlock had grooved openings such that, if the grooves eventually got wider, the padlock could be removed from the gauge without unlocking it. In response, the licensee committed to take actions to ensure that none of the gauges have shutter lock-out hardware with grooved openings that could eventually compromise the ability to lock the shutter closed if the groove openings widened with time.