352.527.6841

on set treatment of the 08/16/2027 11:34 5305151259 USNRC REGIONS DNMS PAGE 02/02 U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 591M PART 1 110-1003 . 10 CFB 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION i. 2 NECKEGIONAL OFFICE 1. LICENSEE/LOCATION INSPECTED: B & B Dredging Company **REGION III** P.O. Box 11187 US NUCLEAR REGULATORY COMMISSION Chicago, IL 60611 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532 2007-001 REPORT 3. DOCKET NUMBER(S) 4. LICENSEE NUMBER(S) 5. DATE(S) OF INSPECTION 12-32244-02 August 13, 2007 030-35427 IT IN THE PARTY 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 conditied of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows: 1. Based on the inspection findings, no violations, were identified. 2. Previoue violation(s) closed. 3. The violation(s), specifically described to you by the inspector as non-class 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-1800, to exarcise discretion, were satisfied Non-Cited Vielation(s) was/were discussed involving the following requirement(s) and Corrective Action(s): 4. During this inspection certain of your activities, as described below end/or attached, were in violation of NRC requirements and are being clear. This form is a NOTICE OF VIOLATION, which may be subject to posting in accerdance with 10 CFR 19.11. (Violations and Corrotive Autions) X Condition 17 of NRC license 12-32244-02 states that the following services shall not be performed by the licensee: installation, initial radiation surveys, removal from service, dismantling, replacement, disposal of sealed source and non-routine maintenance or years of components related to radiological asfety of the gauge. These services shall be performed only by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. Contrary to the above, in November 2006, the licenses removed the gauge from its fixed location on the dredge pipe located on the outside of the dredge, replaced the dredge pipe, and installed the gauge at a new location inside of the dredge and the persons who performed these services were not specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such service. The licensee agreed to have this work performed by persone specifically licensed by the U.S. Nuclear Regulatory Commission or by an Agreement State in the tuture. The licensee had not previously understood this requirement. Licensee's Statement of Corrective Actions for Item 4, above. 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, data when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested. **Printed Name** iture Date Tit)a REPRESENTATI Hans B. Blamborg. 08. 15.2007 V. P. Aug. 13 2007 Ed Kuizer NRC INSPECTOR NRC PORM 591M PART 1 (10-2003)

NRC FORM 591M PAR	T 1			U.S. NUCLEAR REGU	
(10-2003) 10 CFR 2.201					a
	SAFETY INSPE	CTION REPORT	AND COMP	LIANCE INSPECTIC	IN V
1. LICENSEE/LOCATION I	NSPECTED:		2. NRC/REGIONAL C	OFFICE	
B & B Dredging C	Company				
P.O. Box 11187			REGION III US NUCLEAR REGULATORY COMMISSION		
Chicago, IL 60611			2443 WARRENVILLE ROAD, SUITE 210		
BEPORT 2007-001			LISLE, ILLINOIS 60532		
REPORT	2007-001				
3. DOCKET NUMBER(S)		4. LICENSEE NUMBER(S)			
030-35427		12-32244-02		August 13, 200	
LICENSEE:					
Nuclear Regulatory Com of procedures and repre-	mission (NRC) rules an sentative records, interv	d regulations and the conc	litions of your licens	te to radiation safety and to cor se. The inspection consisted of inspector. The inspection findi	selective examinations
2. Previous viol		iolations were identified.			
l non-repetitive, a				, are not being cited because the the NRC Enforcement Policy, N	
	Non-Cited Violation(s)	was/were discussed invo	olving the following	g requirement(s) and Correctiv	ve Action(s):
			-		
being cited. Th	inspection certain of yo is form is a NOTICE OF and Corrective Actions	VIOLATION, which may	d below and/or atta be subject to postin	ached, were in violation of NR4 ng in accordance with 10 CFR	C requirements and are 19.11.
being cited. Th (Violations) Conditio by the lic replacem related to	is form is a NOTICE OF and Corrective Actions n 17 of NRC licens censee: installation tent, disposal of so radiological safe ally licensed by the	VIOLATION, which may = 12-32244-02 state n, initial radiation su ealed source and no ty of the gauge. The	s that the follow rveys, remova n-routine mair ese services st	ached, were in violation of NRG ng in accordance with 10 CFR Wing services shall not I from service, dismant Intenance or repair of co nall be performed only t sion or an Agreement S	be performed ling, mponents ov persons
being cited. Th (Violations) Conditio by the lic replacem related to specifica such ser Contrary on the dr the gaug were not	is form is a NOTICE OF and Corrective Actions n 17 of NRC licens censee: installation nent, disposal of so o radiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location	VIOLATION, which may to initial radiation su ealed source and no ty of the gauge. The U.S. Nuclear Regular ovember 2006, the la on the outside of the ninside of the dred	that the follor s that the follor rveys, remova on-routine mair ese services sh atory Commiss icensee remov ne dredge, repl ge and the per	ng in accordance with 10 CFR wing services shall not I from service, dismant ntenance or repair of co nall be performed only t	be performed ling, mponents by persons tate to perform ixed location ind installed ese services
being cited. Th (Violations by the lic replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licer Nuclear I	is form is a NOTICE OF and Corrective Actions ensee: installation tent, disposal of so o radiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service.	VIOLATION, which may the 12-32244-02 state the initial radiation sub- the aled source and no the of the gauge. The the U.S. Nuclear Regular lovember 2006, the land the outside of the the inside of the dred the dised by the U.S. Nucl- the this work perform the sistion or by an Agre	that the follow rveys, remova n-routine main ese services sh atory Commiss icensee remov ne dredge, repl ge and the perse ear Regulatory	ng in accordance with 10 CFR wing services shall not I from service, dismanti ntenance or repair of con nall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th	be performed ling, mponents by persons tate to perform ixed location ind installed ese services eement State
being cited. Th (Violations) Conditio by the lic replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licer Nuclear I	is form is a NOTICE OF and Corrective Actions in 17 of NRC licens censee: installation bent, disposal of so or adiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service. hsee agreed to hav Regulatory Commi- ly understood this	VIOLATION, which may the 12-32244-02 state the initial radiation sub- ealed source and no ty of the gauge. The ty of the gauge. The ty of the outside of the on the outside of the the inside of the dred the dred by the U.S. Nucl- the this work perform ission or by an Agree a requirement.	s that the follor rveys, remova on-routine mair ese services sh atory Commiss icensee remov ne dredge, repl ge and the per- ear Regulatory ed by persons ement State in	ng in accordance with 10 CFR wing services shall not I from service, dismanti thenance or repair of co hall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th Commission or an Agr specifically licensed by the future. The license	be performed ling, mponents by persons tate to perform ixed location ind installed ese services eement State
being cited. Th (Violations Conditio by the lic replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licer Nuclear I previous	is form is a NOTICE OF and Corrective Actions in 17 of NRC licens censee: installation bent, disposal of so or adiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service. hsee agreed to hav Regulatory Commi ly understood this Licensee's , within 30 days, the d. This statement tive steps already	VIOLATION, which may the 12-32244-02 state h, initial radiation su ealed source and no ty of the gauge. The U.S. Nuclear Regul ovember 2006, the I on the outside of the h inside of the dred sed by the U.S. Nucl the this work perform ssion or by an Agres requirement. Statement of Corre to corrective action taken, corrective ste	s that the follow rveys, remova on-routine main ese services sh atory Commiss icensee remov ne dredge, repl ge and the per- ear Regulatory ed by persons ement State in ctive Actions for I by me to the i as is made in a ps which will i	ng in accordance with 10 CFR wing services shall not I from service, dismanti thenance or repair of co hall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th Commission or an Agr specifically licensed by the future. The license	be performed ling, mponents by persons tate to perform ixed location ind installed ese services eement State y the U.S. be had not
being cited. Th (Violations Conditio by the lid replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licer Nuclear I previous	is form is a NOTICE OF and Corrective Actions in 17 of NRC licens censee: installation bent, disposal of so oradiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service. hsee agreed to hav Regulatory Commi ly understood this Licensee's , within 30 days, the d. This statement live steps already derstand that no fu	VIOLATION, which may the 12-32244-02 state h, initial radiation su ealed source and no ty of the gauge. The U.S. Nuclear Regul ovember 2006, the I on the outside of the h inside of the dred sed by the U.S. Nucl the this work perform ssion or by an Agres requirement. Statement of Corre to corrective action taken, corrective ste	s that the follow rveys, remova on-routine main ese services sh atory Commiss icensee remov ne dredge, repl ge and the per- ear Regulatory ed by persons ement State in ctive Actions for I by me to the i as is made in a ps which will i	ng in accordance with 10 CFR wing services shall not I from service, dismantintenance or repair of co nall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th Commission or an Agr specifically licensed by the future. The license or Item 4, above. Inspector will be taken to cordance with the req be taken, date when ful I be required, unless sp	be performed ling, mponents by persons tate to perform ixed location ind installed ese services eement State y the U.S. be had not
being cited. Th (Violations Dy the lic replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licen Nuclear I previous hereby state that, violations identifie CFR 2.201 (correct be achieved). I und requested. Title LICENSEE'S REPRESENTATI	is form is a NOTICE OF and Corrective Actions in 17 of NRC licens censee: installation bent, disposal of so oradiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service. hsee agreed to hav Regulatory Commi ly understood this Licensee's , within 30 days, the d. This statement live steps already derstand that no fu	VIOLATION, which may the 12-32244-02 state h, initial radiation su ealed source and no ty of the gauge. The U.S. Nuclear Regul lovember 2006, the I on the outside of the inside of the dred sed by the U.S. Nucl the this work perform ission or by an Agree requirement. Statement of Corre taken, corrective action taken, corrective state arther written respon	s that the follow rveys, remova on-routine main ese services sh atory Commiss icensee remov ne dredge, repl ge and the per- ear Regulatory ed by persons ement State in ctive Actions for I by me to the i as is made in a ps which will i	ng in accordance with 10 CFR wing services shall not I from service, dismantintenance or repair of co nall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th Commission or an Agr specifically licensed by the future. The license or Item 4, above. inspector will be taken to cordance with the req be taken, date when ful	be performed ling, mponents by persons tate to perform ixed location nd installed ese services eement State y the U.S. be had not
being cited. Th (Violations Conditio by the lic replacem related to specifica such ser Contrary on the dr the gaug were not to perfor The licen Nuclear I previous hereby state that, violations identifie CFR 2.201 (correct be achieved). I und requested. Title LICENSEE'S	is form is a NOTICE OF and Corrective Actions in 17 of NRC licens censee: installation bent, disposal of so oradiological safe illy licensed by the vices. to the above, in N redge pipe located e at a new location specifically licens m such service. hsee agreed to hav Regulatory Commi ly understood this Licensee's , within 30 days, the d. This statement live steps already derstand that no fu	VIOLATION, which may the 12-32244-02 state h, initial radiation su ealed source and no ty of the gauge. The U.S. Nuclear Regul lovember 2006, the I on the outside of the inside of the dred sed by the U.S. Nucl the this work perform ission or by an Agree requirement. Statement of Corre taken, corrective action taken, corrective state arther written respon	s that the follow rveys, remova on-routine main ese services sh atory Commiss icensee remov ne dredge, repl ge and the per- ear Regulatory ed by persons ement State in ctive Actions for I by me to the i as is made in a ps which will i	ng in accordance with 10 CFR wing services shall not I from service, dismantintenance or repair of co nall be performed only t sion or an Agreement S yed the gauge from its fi aced the dredge pipe, a sons who performed th Commission or an Agr specifically licensed by the future. The license or Item 4, above. Inspector will be taken to cordance with the req be taken, date when ful I be required, unless sp	be performed ling, mponents by persons tate to perform ixed location ind installed ese services eement State y the U.S. be had not

	<b>T</b> 0							
NRC FORM 591M PAR (10-2003)				S. NUCLEAR REGULATORY COMMISSION				
10 CFR 2:201 Docket File Information SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
1. LICENSEE			2. NRC/REGIONAL OFFICE					
B & B Dredg	ing Company		Region III					
REPORT 2007-001								
3. DOCKET NUMBER(S) 030- 35427		4. LICENSE NUMBER(S) 12-32244-02		5. DATE(S) OF INSPECTION August 13, 2007				
6. INSPECTION PROCEDURES USED		7. INSPECTION FOCUS AREAS		• • • • • • • • • • • • • • • • • • • •				
87124		03.01 - 03.07						
	S	UPPLEMENTAL INSP	ECTION INFORMATION					
1. PROGRAM	2. PRIORITY	3. LICENSEE CONT	ACT	4. TELEPHONE NUMBER				
CODE(S) 03121	5	Hans Bromberg		312.706.0653				
Main Office	Inspection		Next Inspection Date:	August 2012				
Field								
x Temporary	Job Site Tolec	do Harbor, Toledo, Ol	4					
		PROGRA	M SCOPE					
The licensee employs 70 individuals who operate two dredges in the United States. The licensee possesses two specifically licensed fixed gauges used in its dredging operations. Currently, one individual is involved with use and oversight of the devices. Gauges are leak tested at six-month frequencies in accordance with manufacturers specifications. Inventories and shutter checks are performed at required frequencies.								
Performance Observations								
The inspector toured the dredge Columbia and the TN Model 5176 gauge in use. The RSO demonstrated gauge survey techniques and described lock-out and leak test procedures. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.								
During the inspection one violation of NRC requirements was identified. Specifically, the licensee did not conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any inclosures, listed below. Specifically, Condition 17 of NRC license 12-32244-02 states that the following services shall not be performed by the licensee: installation, initial radiation surveys, removal from service, dismantling, replacement, disposal of sealed source and non-routine maintenance or repair of components related to radiological safety of the gauge. These services shall be performed only by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.								
Contrary to the above, in November 2006, the licensee removed the gauge from its fixed location on the dredge pipe located on the outside of the dredge, replaced the dredge pipe, and installed the gauge at a new location inside of the dredge and the persons who performed these services were not specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such service.								
The licensee ag Commission or l	reed to have this wor by an Agreement Sta	rk performed by pers ate in the future. The	ons specifically licensed licensee had not previou	by the U.S. Nuclear Regulatory understood this requirement.				