February 1, 2011

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of:	)	
	)	Docket No. 40-8943
CROW BUTTE RESOURCES, INC.	)	
	)	ASLBP No. 08-867-02-OLA-BD01
(License Renewal)	)	

CROW BUTTE RESOURCES' TWENTY-THIRD SUPPLEMENTAL DISCLOSURES

Pursuant to 10 C.F.R. § 2.336(d) and the Order (Regarding Mandatory Disclosures), dated March 6, 2009, Crow Butte Resources, Inc. ("Crow Butte") hereby supplements its initial disclosures. A description by category and location of relevant, privileged and non-privileged documents and data compilations would be attached; however, there are no new, relevant documents this month.

Respectfully submitted,

/s/ signed electronically by

Emily J. Duncan
Winston & Strawn LLP
1700 K Street, N.W.
Washington, DC 20006

COUNSEL FOR CROW BUTTE
RESOURCES, INC.

Dated at Washington, District of Columbia
This 1st day of February 2011

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CERTIFICATION OF TWENTY-THIRD SUPPLEMENTAL DISCLOSURES

I, Rhonda Grantham, do hereby state as follows:

1. I am employed as the Radiation Safety Officer ("RSO") at Crow Butte Resources in Crawford, Nebraska. I serve as project manager for Crow Butte's application to the Nuclear Regulatory Commission for a renewed license.

2. I hereby certify that to the best of my knowledge, information, and belief all relevant materials required to be disclosed pursuant to 10 C.F.R. § 2.336(a) in the captioned proceeding have been disclosed, and that the disclosures are accurate and complete as of January 31, 2011.

3. I hereby certify under penalty of perjury that the foregoing is true and complete to the best of my knowledge, information, and belief.

Executed in accord with 10 C.F.R. § 2.304(d),

/s/ *Rhonda Grantham*
Rhonda Grantham
Radiation Safety Officer/Project Manager
Crow Butte Resources, Inc.
86 Crow Butte Road
P.O. Box 169
Crawford, NE 69339-0169

Dated at Crawford, Nebraska
this 1st day of February 2011

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CERTIFICATE OF SERVICE

I hereby certify that copies of "CROW BUTTE RESOURCES' TWENTY-THIRD SUPPLEMENTAL DISCLOSURES" in the captioned proceeding have been served via the Electronic Information Exchange ("EIE") this 1st day of February 2011, which to the best of my knowledge resulted in transmittal of the foregoing to those on the EIE Service List for the captioned proceeding.

/s/ signed electronically by

Emily J. Duncan
Winston & Strawn LLP
1700 K Street, N.W.
Washington, DC 20006

COUNSEL FOR CROW BUTTE
RESOURCES, INC.