

September 1, 2015

Michael M. Gibson, Chairman  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dr. Richard E. Wardwell  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Brian K. Hajek  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Alan S. Rosenthal  
Administrative Judge  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3 F23  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

In the Matter of  
CROW BUTTE RESOURCES, INC.  
(License Renewal for the In Situ Leach Facility, Crawford, Nebraska)  
Docket No. 40-8943; ASLBP No. 08-867-02-OLA-BD01

Dear Administrative Judges,

Pursuant to 10 C.F.R. §§ 2.336(d) and 2.1203(c), and in accordance with the Atomic Safety and Licensing Board's November 5, 2009 Order, the Nuclear Regulatory Commission (NRC) Staff provides the Board and the parties with a supplement to the Staff's hearing file and mandatory disclosures. Attachment 1 to this letter provides an index listing publicly available documents required to be disclosed by the Staff. Attachment 2 to this letter provides an index listing documents that are currently non-public, but which are in the process of being made public by the NRC Staff as explained at the evidentiary hearing in this proceeding.<sup>1</sup> The Staff will notify the Board and parties once those documents are publicly available. Pursuant to 10 C.F.R. § 2.336(c), the Staff is providing the affidavit of Ronald Burrows certifying that all relevant materials have been disclosed.

Respectfully submitted,

**Signed (electronically) by**  
David M. Cylkowski  
Counsel for the NRC Staff  
U.S. Nuclear Regulatory Commission  
Mail Stop O15-D21  
Washington, DC 20555-0001  
(301) 415-1631  
[david.cylkowski@nrc.gov](mailto:david.cylkowski@nrc.gov)

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<sup>1</sup> Tr. At 1581-82.

Gibson  
Cole  
Hajek  
Rosenthal

Dated at Rockville, Maryland  
This 1st day of September, 2015

Enclosures: Attachment 1: Hearing File Index  
Attachment 2: Nonpublic Log  
Affidavit of Ronald Burrows

cc: EIE Service List

**ATTACHMENT 1**  
**CROW BUTTE RESOURCES LICENSE RENEWAL – HEARING FILE AND MANDATORY DISCLOSURES**  
**HEARING FILE INDEX**  
**Update 81 – September 1, 2015**

<b>ID No.</b>	<b>Accession Number</b>	<b>Document Date</b>	<b>Title/ Description</b>
81-1	ML15217A332	06/30/2015	Request for Additional Information for Response to License Condition 11.11 Crow Butte Resources, Inc., Crawford, Nebraska.
81-2	ML15212A349	07/29/2015	E-mail from Crow Butte Explaining Missing Pages from Response to LC 11.11.
81-3	ML15218A369	08/10/2015	Request for Additional Information, Response to License Condition 9.12, Quality Assurance Program, Crow Butte Resources, Inc.
81-4	ML15229A002	08/14/2015	2004 Version of RESRAD for Crow Butte Facility.
81-5	ML15230A308	08/14/2015	Crow Butte E-mail Transmitting Figure Depicting Regional Water Supply Well Sampling Locations.
81-6	ML15225A385	08/18/2015	Ltr to L Teahon re: Comments on Response to License Condition 11.11 Request for Additional Information, Airborne Effluent and Environmental Monitoring Program.

**ATTACHMENT 2**  
**CROW BUTTE (LICENSE RENEWAL) HEARING FILE AND MANDATORY DISCLOSURES**  
**NONPUBLIC LOG**  
**Update 81 – September 1, 2015**

<b>ID#</b>	<b>Accession Number</b>	<b>Author/ Affiliation</b>	<b>Title / Description</b>	<b>Document Date</b>	<b>Document Type</b>	<b>Comment</b>	<b>Page Count</b>
S-81-1	ML12341A021	NRC/FSME	Crow Butte NORTH TREND_WALL_HIGHK_I-O Modeling Files	12/05/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	484
S-81-2	ML12341A020	NRC/FSME	Crow Butte NORTH TREND_BASELINE_I-O Modeling Files	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	483
S-81-3	ML12341A210	NRC/FSME	CROW BUTTE NORTH TREND NT_BARRIER_VLOWK_I-O_MODELING FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	488
S-81-4	ML12341A028	NRC/FSME	CROW BUTTE NORTH TREND_WALL_MEDK_I-O Modeling FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	107

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**CROW BUTTE (LICENSE RENEWAL) HEARING FILE AND MANDATORY DISCLOSURES**  
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**Update 81 – September 1, 2015**

<b>ID#</b>	<b>Accession Number</b>	<b>Author/ Affiliation</b>	<b>Title / Description</b>	<b>Document Date</b>	<b>Document Type</b>	<b>Comment</b>	<b>Page Count</b>
S-81-5	ML12341A208	NRC/FSME	CROW BUTTE NORTH TREND NT_BARRIER_LOWK_IO_MODELING FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	488
S-81-6	ML12341A214	NRC/FSME	CROW BUTTE NORTH TREND NT_DRAIN_MEDK_IO_MODELING FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	319
S-81-7	ML12341A212	NRC/FSME	CROW BUTTE NORTH TREND NT_DRAIN_HIGHK_IO_MODELING FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	334
S-81-8	ML12341A030	NRC/FSME	CROW BUTTE NORTH TREND_WALL_VLOWK_I-O Modeling Files	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	425

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**CROW BUTTE (LICENSE RENEWAL) HEARING FILE AND MANDATORY DISCLOSURES**  
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<b>ID#</b>	<b>Accession Number</b>	<b>Author/ Affiliation</b>	<b>Title / Description</b>	<b>Document Date</b>	<b>Document Type</b>	<b>Comment</b>	<b>Page Count</b>
S-81-9	ML12341A025	NRC/FSME	CROW BUTTE NORTH TREND_WALL_LOWK_I-O Modeling FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	515
S-81-10	ML12341A218	NRC/FSME	CROW BUTTE NORTH TREND NT_DRAIN- BAR_BASE_IO_MODELING FILES	12/06/2012	Modeling File	As discussed at evidentiary hearing (Tr. at 1581-82), the NRC Staff is currently in the process of making this document public and will notify the Board and parties when the document is publicly available.	304

September 1, 2015

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	Docket No. 40-8943-OLA
CROW BUTTE RESOURCES, INC.	)	
	)	ASLBP No. 08-867-02-OLA-BD01
(License Renewal for the In Situ Leach	)	
Facility, Crawford, Nebraska)	)	

AFFIDAVIT OF RONALD A. BURROWS CONCERNING  
MANDATORY DISCLOSURE REQUIREMENT OF 10 C.F.R. § 2.336(c)

I, Ronald A. Burrows, do hereby state as follows:

1. I am employed as a Senior Health Physicist in the Nuclear Regulatory Commission's Office of Nuclear Materials Safety and Safeguards, Division of Decommissioning, Uranium Recovery, and Waste Programs, Uranium Recovery Licensing Branch. Among my responsibilities, I serve as Project Manager for Crow Butte Resources Inc.'s application to renew its license to operate an in-situ uranium recovery facility. In this capacity, I am managing the preparation of the NRC Staff's hearing file and mandatory disclosures in connection with the application at issue in this proceeding.

2. I hereby certify that all relevant materials required to be disclosed pursuant to 10 C.F.R. § 2.336(b) and (c) in the captioned proceeding have been disclosed, and that the disclosures are accurate and complete as of the date of this certification.

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

  
Ronald A. Burrows

Executed in Rockville, MD  
this 1<sup>st</sup> day of September, 2015.

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	
CROW BUTTE RESOURCES, INC.	)	Docket No. 40-8943
	)	
(License Renewal for the In Situ Leach	)	ASLBP No. 08-867-02-OLA-BD01
Facility, Crawford, Nebraska)	)	

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing "NRC STAFF'S LETTER TO THE ATOMIC SAFETY AND LICENSING BOARD" in the above captioned proceeding have been served this 1st day of September 2015 via the NRC's Electronic Information Exchange ("EIE"), and via e-mail to David Frankel and Thomas Ballanco, counsels for Consolidated Intervenor, which to the best of my knowledge resulted in transmittal of the foregoing to those on the EIE Service List for the above captioned proceeding.

**Signed (electronically) by**

David M. Cylkowski  
Counsel for the NRC Staff  
U.S. Nuclear Regulatory Commission  
Mail Stop O15-D21  
Washington, DC 20555-0001  
(301) 415-1631  
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