BEFORE THE ENVIRONMENTAL QUALITY COUNCIL STATE OF WYOMING

IN THE MATTER OF: BASIN ELECTRICAL POWER COOPERATIVE DRY FORK STATION, AIR PERMIT CT-4631)))	Docket No. 07-2801
RESPONDENT DEPARTMENT OF ENVI MEMORANDUM IN SUPPORT OF MOTIO JUDGMENT		-

Exhibit No. 10 – Sahu Deposition excerpts

BEFORE THE ENVIRONMENTAL QUALITY COUNCIL OF THE STATE OF WYOMING

DEPOSITION OF: RANAJIT SAHU, Ph.D., QEP, CEM EXAMINATION DATE: August 15, 2008

IN THE MATTER OF:)
Docket No. 07-2801
BASIN ELECTRIC POWER)Presiding Officer, COOPERATIVE, DRY FORK STATION,) F. David Searle AIR PERMIT CT-4631)

PURSUANT TO NOTICE, the deposition of RANAJIT SAHU, Ph.D., QEP, CEM, was taken at 8:04 a.m., on August 15, 2008, at 555 Seventeenth Street, Suite 3200, Denver, Colorado 80202, before Patricia S. Newton, Registered Professional Reporter and Notary Public in and for the State of Colorado, said deposition being taken pursuant to the Wyoming Rules of Civil Procedure.

Patricia S. Newton Registered Professional Reporter

Page 2		Page 4
1 APPEARANCES	1	PROCEEDINGS
2 For Basin Electric Power Cooperative:	2	NOT YET PROOFREAD *** NOT YET PROOFREAD
3 MARK R. RUPPERT, ESQ. Holland & Hart LLP	-	The material contained in this file has not been
4 2515 Warren Avenue, Suite 450	i	proofread. Any reference to page and line number
Post Office Box 1347 5 Cheyenne, Wyoming 82003-1347		may not be accurate. Please do not quote from
(307) 778-4200		this draft as this is not certified by the
PATRICK R. DAY, ESQ.		reporter. It is for review only.
7 DENISE W. KENNEDY, ESQ. Holland & Hart LLP	6	RANAJIT SAHU, Ph.D., QEP, CEM
8 555 Seventeenth Street, Suite 3200	7	The deponent herein, being first duly
Denver, Colorado 80202 9 (303) 295-8528	1	
10		sworn to testify to the truth in the above cause, was examined and testified on his oath as
For the Protestants:	i	follows:
ROBIN COOLEY, ESQ. 12 Earthjustice	11	
1400 Glenarm Place, Suite 300	1	MR. DAY: Robin, I've handed
13 Denver, Colorado 80202 (303) 623-9466		Dr. Sahu a copy of his expert report and his expert rebuttal report. I thought, unless you
14		had an objection, that rather than make them
REED ZARS, ESQ. 15 Law Office of Reed Zars		
910 Kearney Street		deposition exhibits and require us all to pay for
16 Laramic, Wyoming 82070 (307) 745-7979	•	multiple more copies of these large documents, I
17		wouldn't make them exhibits. But if you want
18 For the Environmental Protection Agency: 19 LUKE ESCH, ESQ.		them exhibits, you can. But on the assumption
State of Wyoming	1	you might not, I asked Dr. Sahu to confirm that
20 Office of the Attorney General Water and Natural Resources	20 21	I've given him two complete and accurate copies.
21 123 State Capitol		EXAMINATION
Cheyenne, Wyoming 82002 22 (307) 777-3442)	BY MR. DAY:
23 Also Present: (None)	23	Q Can you do that, Dr. Sahu?
24	24	A Well, I have, in the last five
25	25	minutes or so, just to be fair, glanced at it,
Page 3		Page 5
1 INDEX	1	and I haven't done a page-by-page comparison.
2 EXAMINATION BY: PAGE	2	It looks the expert report looks
3 Mr. Day 4	1	111to it has all the citations. Timet the walkt
Mr. Esch 303 4 Ms. Cooley 319		like it has all the citations. I just thought
5 INDEX OF EXHIBITS	ì	there were some Internet footnote citations that,
6 DEPOSITION PAGE FIRST		you know, were provided that I didn't maybe I
EXHIBIT NO. DESCRIPTION APPEARS 7	6	missed them. I didn't see them printed and
1 7/1/08 Rebuttal Expert Report of 5	7	copied. So as long as one can click on them and
8 Ranajit Sahu, with numerous	8	get to the Internet, I suppose they are complete.
attachments	9	Q Well, let's go ahead and make
9 2 5/1/08 Expert Report of Ranajit 32	10	these two that I've marked formal deposition
2 5/1/08 Expert Report of Ranajit 32 10 Sahu on Behalf of Protestants,	11	exhibits. That way, if there's ever a question
with numerous attachments	12	about whether or not we haven't fully copied
11	13	something, we'll be able to answer it.
3 Page 6-53 of the Wyoming rules 98 12 re BACT	14	
12	i	, , ,
Analysis - Basin Electric Power		very quick look that you've given me.
14 Cooperative's Dry Fork Station	16	Q Well, we won't take any chances.
Power Plant 1.5 (Original outsidite are attached)	17	Dr. Sahu, I'm going to hand you what
15 (Original exhibits are attached.) 16	:	we've marked as Deposition Exhibit 1. Can you
17		identify it for us, please.
18	20	A It appears to be a copy of my
19	i	rebuttal expert report in this case.
20 21	22	Q Okay. I want to ask you some
22	23	questions first about your analysis on
23	24	
1 23	1	subcritical versus supercritical.
25	25	Can you tell me first, where did you

72 (Pages 282 to 285)

that is taken from EPA's FAR notice directly.

But what I understand from it is these issues,

while they were technical hurdles back when the

Seitz memo was written in 1997, I believe, have

since, in the intervening decade, been addressed.

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PTFE coating?

itself. Okay. So what somebody would want to

look at for control of PM2.5 would be to use a

A Right. And that's an example.

baghouse filter and then apply this particular