

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Karl A. (Tony) Harris
Manager Regulatory Affairs

APR 1 2003

RA 03-0042

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Docket No.: 50-482: Changes to Wolf Creek Generating Station
Radiological Emergency Response Data System Data Point Library
Air Stability at the Reactor Site

Gentlemen:

In accordance with 10 CFR 50, Appendix E, paragraph VI.3.a, this letter transmits changes to the Wolf Creek Generating Station (WCGS) Emergency Response Data System (ERDS) Data Point Library (DPL). The parameter for determining stability class or air stability at the reactor site has been changed to use the vertical temperature difference between 10 and 60 meters versus the 10 to 85 meter vertical temperature difference. Emergency Response Data System point RDT0005 was deleted. Point RDT0004 was added for the vertical temperature difference between 10 and 60 meters.

The attachment to this letter updates the WCGS ERDS DPL and describes point RDT0004. This change was implemented March 5, 2003.

There are no commitments identified in this correspondence. If you have any questions concerning this matter, please contact me at (620) 364-4038, or Ms. Jennifer Yunk at (620) 364-4272.

Very truly yours,



Karl A. (Tony) Harris

KAH/rlg

Attachment

cc: J. N. Donohew (NRC), w/a
D. N. Graves (NRC), w/a
E. W. Merschoff (NRC), w/a
Senior Resident Inspector (NRC), w/a

ERDS DATA POINT LIBRARY REFERENCE FILE

DATE: (8)	03/05/03
Reactor Unit: (3)	WC1
Data Feeder: (10)	N/A
NRC ERDS Parameter: (12)	STAB CLASS
Point ID: (12)	RDT0004
Plant Spec Point Desc: (40)	CEL 60-10 M VERT TEMP DIFFERENCE
Generic/Cond Desc: (32)	AIR STABILITY AT THE RX SITE
Analog/Digital: (1)	A
Engr Units/Dig States: (12)	DEGC
Engr Units Conversion: (40)	N/A
Minimum Instr Range: (10)	-4
Maximum Instr Range: (10)	+6
Zero Point Reference: (6)	N/A
Reference Point Notes: (40)	N/A
PROC or SENS: (1)	P
Number of Sensors: (3)	2
How Processed: (40)	SUBTRACTION
Sensor Locations: (40)	METEOROLOGICAL TOWER
Alarm/Trip Set Points: (40)	N/A
NI Detector Power Supply	
Cut-off Power Level: (15)	N/A
NI Detector Power Supply	
Turn-on Power Level: (15)	N/A
Instrument Failure Mode: (30)	Low=LOP
Temperature Compensation For DP	N/A
Transmitters: (1)	
Level Reference Leg: (3)	N/A
Unique System Desc: (100)	TEMPERATURE DIFFERENCE BETWEEN 60 METER LEVEL AND 10 METER LEVEL IN DEGREES CELCIUS