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September 5, 2003

Mark Greenhalgh
Nielsen Construction
P.O. Box 36
Orangeville, Utah 84537

Re: Blasting Rules - Letter of Concern, Genwal Resources, Inc., Crandall Canyon Mine, C/015/0032, Outgoing File

Dear Mr. Greenhalgh:

The Division of Oil, Gas, and Mining provides coal mine surface blaster certification for the State of Utah. Recently, you acted as the Certified Blaster and Blaster in Charge at the Crandall Canyon Mine for a blast that used 28 pounds of explosives, an amount that exceeds the allowable amount in state coal blasting rules, except when certain procedures are used. Thus, the coal mine permittee was cited for this infraction, and received a notice of violation from this agency.

As the Blaster in Charge of the use of explosives at a coal mine you are the person responsible for compliance with the state blasting rules. This letter is written to serve as a reminder to you that your Blaster Certification status, which you earned on January 31, 2003, included training on the state and federal blasting rules (see attached course outline.) Your certification means that you are aware of the state coal rules and must follow them.

If you have any questions about the blasting rules, please call me or member of my staff anytime. We also have an office in Price and the number is (435) 613-5622.

Sincerely,

/S/

Mary Ann Wright
Associate Director, Mining

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Enclosure
cc: Mickey Bradley, Blaster Training Consultant
Ron Daniels, Blaster Certification Coordinator
Price Field Office
Dave Shaver
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WILBURTON, OK. 74578

(918)465-3405

COURSE CONTENT

(1) Explosives, including—
  (i) Selection of the type of explosive to be used;
  (ii) Determination of the properties of explosives which will produce desired results at an acceptable level of risk; and
  (iii) Handling, transportation, and storage.
(2) Blast designs, including—
  (i) Geologic and topographic considerations;
  (ii) Design of a blast hole, with critical dimensions;
  (iii) Pattern design, field layout, and timing of blast holes; and
  (iv) Field applications;
(3) Loading blastholes, including priming and boostering;
(4) Initiation systems and blasting machines;
(5) Blasting vibrations, airblast, and flyrock, including—
  (i) Monitoring techniques, and
  (ii) Methods to control adverse effects;
(6) Secondary blasting applications;
(7) Current Federal and State rules applicable to the use of explosives;
(8) Blast records;
(9) Schedules;
(10) Preblasting surveys, including—
  (i) Availability,
  (ii) Coverage, and
  (iii) Use of preblast surveys in blast design;
(11) Blast-plan requirements;
(12) Certification and training;
(13) Signs, warning signals, and site control;
(14) Unpredictable hazards, including—
  (i) Lightning,
  (ii) Stray currents,
  (iii) Radio waves, and
  (iv) Misfires.