NCDENR

JAMES B. HUNT JR.
GOVERNOR

WAYNE MCDEVITT
SECRETARY

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
MOORESVILLE REGIONAL OFFICE

DIVISION OF WATER QUALITY

September 21, 1998

Keith's Well Drilling
126 Gurney Road
Olin, North Carolina 28660
Attention: Keith Speece

RE: Request for Variance - NORTH CAROLINA WELL CONSTRUCTION STANDARDS
Rule 15A NCAC 2C .0107(a)(3)(C) -
Separation Distance Between a Well and a Building Foundation
Lot #8, Harbor Crest Subdivision, Mooresville
Iredell County, N.C.

Dear Mr. Speece:

This is in response to a letter from Ray Short, Jr. dated September 14, 1998, requesting approval of a variance from the referenced Rule, which requires a 25 foot horizontal separation distance between a well and a building foundation. He stated in his letter, that the subject well could not be constructed in accordance with the Rule because of limited space on the lot for the location of a well that would meet the regulatory requirements for location of a residential structure and a septic tank waste disposal system. He stated that you would be drilling the well.

Factors which would act to mitigate any potential problems, which could adversely affect human health and/or the effective operation of this well, as a result of not meeting the regulatory requirements are as follows:

1. Galvanized casing will be used;

2. The casing will be seated at least twenty (20) feet down into consolidated rock;

3. The bottommost string of casing shall be provided with a drive shoe meeting the specifications of Rule 15A NCAC 2C .0107(d)(1)(F);

4. A copy of this variance shall be attached to the required WELL CONSTRUCTION RECORD (form GW-1, copy attached).

919 NORTH MAIN STREET, MOORESVILLE, NORTH CAROLINA 28115
PHONE 704-663-1699 FAX 704-663-6040
AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER - 50% RECYCLED/10% POST-CONSUMER PAPER

Based on my review of the available information, it is my finding that the combination of factors specified above are sufficient to satisfy the conditions for approval of a variance as defined in 15A NCAC 2C .0118.

On that basis, the requested variance is hereby granted. The granting of this variance does not affect any of the other requirements of the WELL CONSTRUCTION STANDARDS or of the requirements of any other applicable laws or rules.

Sincerely,

Barbara S. Christian

Barbara S. Christian, P.G.
Regional Groundwater Supervisor

Attachment

cc: Groundwater Section - Raleigh
Iredell County Health Department
V. Ray Short, Jr. - Mid-Atlantic Custom Builders, Inc

MAF/speece.var