**Section 115.50 Requirements for Establishing and Maintaining Pseudorabies** **Qualified-Negative Gene-Altered Vaccinated** **(QNV) Swine Herds**

a) Initial Requirements:

1) Pseudorabies qualified-negative gene-altered vaccinated (QNV) herd status may be granted if no swine in the herd are known to be infected with or exposed to pseudorabies and if the only swine vaccinated for pseudorabies have been vaccinated with a single official gene-altered pseudorabies vaccine. All swine over 6 months of age plus a number of the progeny equal to 20 percent of the breeding swine population of the herd must be subjected to an approved differential pseudorabies test and all swine must be negative. Progeny shall be randomly selected from swine between 4 and 6 months of age.

2) A minimum of 90 percent of the herd shall have been on the premises for at least 60 days OR originate directly from a qualified pseudorabies negative swine herd or from another QNV herd.

3) If positive swine are disclosed in a herd in the process of becoming a QNV herd, the positive swine shall be immediately isolated from the remainder of the herd and may be retested at the owner's expense with the special laboratory test designated to determine vaccination titers from field exposure. If the swine are determined to be positive only as a result of vaccination titers, the herd shall then be granted QNV herd status. If the swine are determined to be infected with field virus, the positive swine shall be disposed of for slaughter OR be maintained on another premises separate and apart from that where the negative swine are maintained. The premises shall be cleaned and disinfected following removal of the positive swine. The herd shall then be granted QNV herd status when it has complied with the provisions of subsection (a)(1).

b) Maintenance Requirements:

1) QNV herd status shall be maintained continuously by a negative retest of 20 percent of all breeding swine 6 months of age or older, and a number of offspring 4 to 6 months of age located on the same premises as the breeding herd equal to 6 percent of the breeding animals in the herd, at approximately each 90 days (80-105 days) OR 7 percent of all breeding swine 6 months of age or older, and a number of offspring 4 to 6 months of age located on the same premises as the breeding herd equal to 2 percent of the breeding animals in the herd, at approximately each 30 days (25-35 days). Upon approval from the Director, status may also be maintained on the basis of a monthly negative official random-sample test (95/5) in each separate population of breeding swine on a premises, and a monthly test of 50 offspring 4 to 6 months of age located on the same premises as the breeding herd. Sampling in the population must be random, and the test protocol in the herd must be part of the approval. Progeny must be selected at random from all groups on the premises. The same animals shall not be retested for requalification purposes in any 12-month period, except during the first 12-month period following the initial qualification test. If the members of the qualified herd are maintained on more than one premises, 20 or 7 percent plus progeny of the swine on each premises shall be retested as required. If the 20 or 7 percent plus progeny retests are not conducted when due, the requalification requirements shall then be the same as for initial qualification. Progeny testing on multisite herds shall be as in Section 115.40(d) of this Part.

2) If positive swine are disclosed on a maintenance test, or on a test for any other purpose, QNV herd status shall be suspended. Positive swine shall be immediately isolated from the remainder of the herd and may be retested at owner's expense with the special laboratory test designated to determine vaccination titers from field exposure. If the swine are determined to be positive only as a result of vaccination titer, the QNV herd status will be restored. If the swine are determined to be infected with field virus, they shall be disposed of for slaughter OR maintained on another premises separate and apart from that where the negative swine are maintained. The premises shall be cleaned and disinfected following removal of the positive swine and a retest conducted in 30 days on all unvaccinated swine 16 weeks of age and over. If this 30-day retest is negative, then all swine 16 weeks of age and over shall be retested again at the end of 30 days (60 days following removal of positive swine) and, if negative, QNV herd status shall be reinstated.

c) Additions:

1) Swine from any qualified pseudorabies negative herd may enter an Illinois QNV herd without test and shall be vaccinated within 30 days after entry into the herd.

2) Pseudorabies vaccinated swine originating from another QNV herd may enter an Illinois QNV herd upon evidence of a negative official test for pseudorabies conducted within 60 days prior to entry from another Illinois herd and within 30 days prior to entry from another state.

3) Unvaccinated swine originating from an Illinois QNV herd may enter another Illinois QNV herd without a pseudorabies test and shall be vaccinated within 30 days after entry into the herd.

4) Swine originating from other than an Illinois QNV herd OR a qualified pseudorabies negative herd shall be negative to an official test for pseudorabies conducted within 30 days prior to entry into the herd from another Illinois herd and within 30 days prior to entry from another state. All such swine shall be held in isolation from the other members of the QNV herd, and shall be retested and negative to an official test for pseudorabies not less than 30 nor more than 60 days following entry. Swine shall then be vaccinated within 30 days after entry into the herd.

5) Swine from a QNV herd which are exhibited or are otherwise commingled with swine from any other herd shall be held in isolation on the herd premises for a minimum of 30 days after return AND shall be tested and negative to an official test for pseudorabies before being reunited with other members of the QNV herd.

d) Sales: Pseudorabies vaccinated swine originating from a QNV herd may be loaned, leased, traded, or sold for breeding purposes within Illinois; provided, the purchaser is informed that the swine are from a QNV herd.

(Source: Amended at 21 Ill. Reg. 904, effective January 7, 1997)