B. National Electrical Code Rules Ð Load Calculations

(a) Feeder and Service Load. For a dwelling unit having the total connected load served by a single 3-wire, 120/240-volt or 208Y/120-volt set of service-entrance or feeder conductors with an ampacity of 100 or greater, it shall be permissible to compute the feeder and service loads in accordance with this section instead of the method specified in Part B of this article. The calculated load shall be the result of adding the loads from (b) and (c). Feeder and service-entrance conductors whose demand load is determined by this optional calculation shall be permitted to have the neutral load determined by Section 220-22.

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C. Sample Residential Load Calculations Ð 2000 S.F. Home*

(*All Electric Home with various SEISCO Heaters, RA-14, RA-22 & RA-28)

C. Sample Residential Load Calculation Ð 2000 S.F. Home*

(* All Electric Home with a SEISCO RA-28)

Feeder or Service Load - Optional 220-30
Dwelling with RA-28 Seisco Water Heater

Dwelling with range (12kW), dishwasher (1.2kVA) , clothes dryer

D. National Electrical Code Rules Ð Branch Circuit Protection

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This section specifies the ratings of branch circuits capable of carrying appliance current without overheating under the conditions specified.

(a) Individual Circuits. The rating of an individual branch circuit shall not be less than the

E. SEISCO® Wiring & Breaker Guide* (RA-28)

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F. Wiring connections to 208 or 240 volt THREE-PHASE systems: SEISCO® Model RA-28

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