

# Different polarity firing sequences for electrodes in the steam generator as found in Stan Meyer's literature

**Steam resonator: the different polarity firing sequences across the parallel plates (or could be concentric tubes) are as follows:**

**Polarity firing sequence 1 for a pair of plates:** WFC Hydrogen Gas Management System Memo WFC 422DA page 3-25 and diagram 3-46 on page 3-50 and also Steam Resonator Memo WFC 430 figure 11-7 on page 11-13. For a pair of plates the sequence is: -

B -	B-
OFF	OFF
B+	B+
OFF	OFF
B-	B-
OFF	OFF
B+	B+

The above firing sequence will cause the water molecules to oscillate between the plates, collide and heat up.

**Polarity firing sequence 2 for two pairs of plates:** Steam Resonator Memo WFC 430 third paragraph on page 11-4, figure 11-1 on page 11-7, figure 11-3 on page 11-9 and figure 11-4 on page 11-10.

Left-hand pair of plates

B+	OFF
----	-----

OFF	B-
-----	----

B+	OFF
----	-----

OFF	B-
-----	----

Right-hand pair of plates

B-	OFF
----	-----

OFF	B+
-----	----

B-	OFF
----	-----

OFF	B+
-----	----

The above firing sequence for either pair of plates will also cause the water molecules to oscillate, collide and heat up. Now, as noted on page 11-4 (last paragraph), the voltage wave will travel up / along the surfaces of the plates. So polarity firing sequence 2 is probably better suited for use in a home heating unit because of the vertical pumping action that it also causes to happen which is mentioned in the second paragraph of page 11-5 and also shown in figure 11-6 on page 11-12.

### **Polarity firing sequence 3 for two pairs of plates**

Unfortunately, in the first and third paragraphs on page 11-5 of Steam Resonator Memo WFC 430 there is a different firing sequence which is: -

Left-hand pair of plates

B+	OFF
----	-----

OFF	B+
-----	----

B+	OFF
----	-----

OFF	B+
-----	----

Right-hand pair of plates

B-	OFF
----	-----

OFF	B-
-----	----

B-	OFF
----	-----

OFF

B-

I don't understand this sequence and how it is supposed to work on the water molecule dipoles. Is this sequence perhaps a mistake because it does not match firing sequence 2 ?

**Polarity firing sequence 4 for a pair of plates:** Steam Resonator WFC 427 DA Figure 1-2: Dual switchover circuit. The firing sequence for pair of plates is the same as the left-hand pair of plates in polarity firing sequence 3 above because it is shown as: -

B+ OFF

OFF B+

B+ OFF

OFF B+

Again, I don't understand how this sequence is supposed to act on the water molecule dipoles. Is this sequence also a mistake because it does not match the sequence for the left-hand pair of plates in firing sequence 2 ?

**Polarity firing sequence 5** (applicable to spherical water heater) as described on page K3 and figure 32 on page K4 of the Water Fuel Cell Dealership Sales Manual 1986. This firing sequence consists of only positive voltage pulses being applied to a spherical water bath which from all angles causes repulsion of the positive side of the water molecule dipoles. This is supposed to result in constant collision of the water molecules as they are repeatedly driven towards the middle of the sphere ? I don't understand why nothing is said on pages K3 or K4 about the interaction of the positive voltage pulses and the negative side of the water molecule dipoles?

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