

MEMORANDUM

TO: DON

December 3, 1991

FROM: JERRY GRAY

SUBJECT: THE USE OF SOLAR ENERGY IN THE PRODUCTION OF MAGNESIUM METAL FROM SEA WATER FOR THE PRODUCTION OF HYDROGEN GAS TO BE USED AS A SOURCE OF ENERGY

Sea water contains about 0.13 percent magnesium. With solar energy, the magnesium can be concentrated to about 22 percent. At this point electrical energy takes over.

What is proposed by Mr. Cobb of Forelaws on Board would require much more energy to produce the hydrogen than could be obtained from the hydrogen.

Not only that, hydrogen is not a safe source of energy.

JJG:ch

G-solar.mem/1



11/21

John B. and Jerry G,

I could use a 20 minute analysis of the attached.

Thanks,

~~JB~~

I have started a file on this right next to my file on perpetual motion machines. If you need the file it is located next to my desk + is round.
JB

Jerry G

Don H.