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STATEMENT FOR NRC

August 5, 2015

SOME OF THE MANY IMPACTS ON THE ENVIRONMENT FROM NUCLEAR GENERATION OF ENERGY THAT CONCERN ME ARE THESE:

DIABLO CANYON IS SITTING ON OR NEAR THIRTEEN EARTHQUAKE FAULTS. CALIFORNIA IS ONE OF THE MOST SEISMICALLY ACTIVE PLACES ON THE PLANET. THE DECISION TO BUILD THIS PLANT HERE 35+ YEARS AGO WAS IN TOTAL CONTRADICTION OF NRC REGULATIONS STATING THAT NUCLEAR FACILITIES SHOULD NOT BE BUILT NEAR MAJOR ACTIVE EARTHQUAKE FAULTS.

THE HOSGRI FAULT JUST OFF THE COAST FROM DIABLO IS CONNECTED TO THE SAN SIMEON FAULT AND THE SHORLINE FAULT. THE SHORLINE FAULT RUNS 600 METERS FROM THE PLANT AND 300 METERS FROM THE INTAKES.

SEISMIC EXPERTS AGREE THAT IN TERMS OF DESTRUCTIVE SHAKING POTENTIAL DIABLO CANYON IS AT THE VERY TOP OF THE LIST. THIS RISK ALONE JUSTIFIES NOT RELICENSING DIABLO CANYON.

THE FUKUSHIMA 9.0 EARTHQUAKE WAS NOT EXPECTED OR PLANNED FOR – THEY WERE CONFIDENT THAT THEIR REACTORS COULD WITHSTAND ANYTHING MOTHER NATURE COULD DEAL. THEY WERE WRONG. AND THE PEOPLE, THE LAND AND THE OCEAN ARE STILL SUFFERING FROM THEIR ERROR IN JUDGMENT. P G & E IS SO CONFIDENT THAT DIABLO CANYON CAN WITHSTAND THE LARGEST POTENTIAL EARTHQUAKES IN THE REGION, THEY BYPASSED THE INDEPENDENT PEER REVIEW PANEL BEFORE GIVING THEIR REPORT TO NRC. NO ONE KNOWS HOW STRONG THE LARGEST EARTHQUAKE WILL BE.

HOW WOULD 150,000 RESIDENTS BE EVACUATED IF THERE WAS A NUCLEAR DISASTER HERE? ADD TO THAT 100,000 MORE PEOPLE DURING THE TOURIST SEASON. WHERE WOULD THEY GO AND FOR HOW LONG?

ANOTHER ENVIRONMENTAL CONCERN:

ONCE THROUGH COOLING ENTRAINS 1.5 BILLION MARINE LARVAE EVERY YEAR . DIABLO CANYON HAS BEEN CALLED CALIFORNIA'S LARGEST MARINE PREDATOR. CALIFORNIA COASTAL COMMISSION'S INDEPENDENT SCIENCE REVIEW COMMITTEE CALCULATED DIABLO CANYON'S ONCE THROUGH COOLING AFFECTS 500 MILES OF COASTLINE MARINE ENVIRONMENT WATERS. THIS IS SIGNIFICANT IN TERMS OF LOSS OF OCEAN PRODUCTIVITY EQUAL TO SEVERAL HUNDRED OR SEVERAL THOUSAND ACRES OF ROCKY REEF AND NEAR SHORE HABITAT.

I COULD GO ON STATING VALID CONCERNS OF THE OPERATION OF DIABLO CANYON FROM OVERCROWDED COOLING POOLS, TO EMBRITTLEMENT OF THE 35+ YEAR OLD REACTOR CORE, AND MORE –

WE DON'T NEED THE POWER FROM NUCLEAR GENERATION – AND WE DON'T NEED OR WANT THE WASTE. RE-LICENSING DIABLO CANYON UNTIL 2045? MOST OF US IN THIS ROOM WON'T BE ALIVE. DO WE WANT TO BURDEN OUR GRANDCHILDREN WITH THE RESPONSIBILITY OF SECURING AND GUARDING RADIOACTIVE WASTE FOR 1,000'S OF YEARS? I DON'T. NUCLEAR GENERATION IS A DINOSAUR – IT SHOULD BE EXTINCT.

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