

From: <mjregan@mchsi.com>
To: <QuadCitiesEIS@nrc.gov>
Date: 5/12/03 12:42AM
Subject: RELICENSING/DUKE WHEELER

3/14/03
68FR 12385
(4)

MR WHEELER..IN REGARDS TO THE RELICENSING OF THE QUAD CITIES PLANTS 1&2 AT CORDOVA,IL I FEEL THE ENVIRONMENTAL IMPACT ON THE AREA IS VERY NEGATIVE. THE PRESENCE OF RADIOACTIVE MATERIALS USED TO GENERATE ELECTRICITY IS BAD FOR THOSE

WORKING ON SITE AS WELL AS HUMANS, ANIMALS, AND PLANT LIFE IN THE IMMEDIATE AREA. THE PLANTS ARE LOCATED ON THE EAST BANK OF THE MISSISSIPPI RIVER JUST ACROSS FROM SCOTT COUNTY & CLINTON COUNTY, IOWA...BEFORE THE PLANTS WENT ON LINE THE RIVER USED TO FREEZE COMPLETELY ACROSS IN MANY WINTERS...NOW BECAUSE OF

THE ELEVATED TEMPERATURE OF THE RIVER WHICH IS DIRECTLY RELATED TO THE NUCLEAR PLANT DUMPING RADIOACTIVE WARMER WATER BACK INTO THE MISSISSIPPI, IT NO LONGER FREEZES COMPLETELY...THIS HAS DIRECTLY RESULTED IN LOSS OF LARGER CLAMS WHICH NO LONGER CAN BE FOUND IN THE AREA... ALSO OF CONCERN TO ME ARE THE ALERTS WHICH HAVE PUT THE SURROUNDING COMMUNITIES ON NOTICE RE SAFETY PROBLEMS.

MOST

RECENTLY WAS THE WEDNESDAY APRIL 16,2003 EMERGENCY SHUTDOWN CAUSED BY A VALVE

MALFUNCTION. IN DECIFERING THE EVENT REPORT, THERE WAS A SUDDEN RISE IN WATER TEMPERATURE IN THE TORUS:THE LARGE TANK OF EMERGENCY COOLING WATER. A VALVE WAS

STUCK OPEN CAUSING STEAM TO LEAK IN THUS RAISING THE TEMPERATURE. THE AVERAGE WATER TEMPERATURE IN THE TORUS IS 50 DEGREES F. IT IS DESIGNED TO HANDLE A MAXIMUM 110 DEGREES F. AT 1:59PM THAT WEDNESDAY AFTERNOON, IT REACHED 118 DEGREES F.APPROXIMATELY 22 MINUTES BEFORE THIS,THE OPERATORS SCRAM ed THE REACTOR WHICH INVOLVED JAMMING THE RODS INTO THE CORE...THIS TOOK LESS THAN 2 SECONDS....NORMALLY THE CORE IS SUBMERGED IN WATER AT OR OVER 1000 DEGREES F, AND IS PRESSUREIZED OVER 1000 PSI..IT TOOK NEARLY 9 HOURS FOR THIS WATER TEMPERATURE TO DROP TO 212 DEGREES F AND THE STEAM LEAK TO STOPTHIS LOCATION USES THE GENERAL ELECTRIC MARK I BOILING WATER REACTOR WHICH AS YOU HAVE JUST READ HAS ITS PROBLEMS...THE TORUS DESIGNED PORTION OF THIS REACTOR IS NOT A SAFE FEATURE FOR OUR COMMUNITY....I BELIEVE IT IS TOO RISKY TO CONTINUE THE LIFE OF THIS PARTICULAR NUCLEAR PLANT...IT HAS SERVED ITS PURPOSE & LEFT THE AREA ENVIRONMENTALLY WORSE OFF THAN BEFORE ITS STARTUP.....SINCERLY M J REGAN PRINCETON,IOWA

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