

III. CONCLUSION

16. The transition from zero to 5% power is a qualitative one. Certain of the major accidents that are postulated for a reactor operating at 100% full power can also occur within a longer timeframe in a reactor operating at low power. This is because the radioactive inventory stored in a reactor operating at 5% is roughly half a billion curies, which is similar to the radiation inventory studied in WASH-740 and is 10,000 times the radiation released at Windscale in 1957. The probability calculations done in WASH-1400 have been largely undermined by other scientists. Quite frankly, no one knows how to calculate the probability of Class IX accidents correctly.

Consequently, I conclude that even the routine operation of the Diablo Canyon reactor at up to 5% power presents a significant safety hazard to the surrounding environment and to plant workers and poses a risk of the irreversible contamination of the reactor.

Executed this 21 day of March, 1984, at New York City, New York.

I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

DEVISE SMITH
Commissioner of Deeds
City of New York No. 3-3427
Certificate Filed in New York County
Commission Expires January, 1986


DR. MICHIO KAKU