

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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NRC

Before the Atomic Safety and Licensing Board

CRH

In the Matter of

CLEVELAND ELECTRIC ILLUMINATING
COMPANY, et al.

(Perry Nuclear Power Plant,
Units 1 and 2)

Docket Nos. 50-440
50-441

MOTION FOR LEAVE TO SUBMIT
ADDITIONAL CONTENTION

Intervenor Sunflower Alliance et al. hereby moves the Licensing Board to grant it leave to amend its petition for leave to intervene by submitting an additional contention detailed below. This contention is based on the Draft Environmental Statement for Perry, NUREG-0884, which was just issued in late March and the decision by the United States Court of Appeals for the District of Columbia, Circuit (#741586 and Consolidated Case #77-1448, 79-2110 and 79-131.) Decided April 27, 1982; Therein lies the good cause for this late filing.

Low Level Radiation Health Effects and Economic Costs

Actual radiation doses from nuclear power plant gaseous and liquid effluents to real fetuses, infants, children and adults have never been measured and precisely determined. Computerized models based on expected releases are used by the NRC and EPA to estimate radiation doses to hypothetical individuals at the boundary of the Perry Nuclear Power Plant.

In view of:

1) The overwhelming evidence that the rates of infant mortality, cancer and birth defects resulting from exposure to low level radiation are much higher than previously expected.

Example: (Cancer Mortality Changes Around Nuclear Facilities In Connecticut Ernest Sternglass 1979.)

2) The linear relationship between radiation and health effects

tending of show that there is no safe level of radiation exposure. (Pter III
Low Level Radiation From Hiroshima To Three Mile Island Ernest Sternglass

3) Two reports by German Scientists state that the exposures to real people living in the vicinity of nuclear plants has been underestimated by factors anywhere from 10 to 10,000 times. (" Tutorium Umweltschutz An Der Universitat Heidelberg Radiologisches Gutachten Zum Kernkraftwerk Wyl" and " Radiation Exposure and Health Damage Due To Nuclear Power Production - The Question of Standards and The Need For Comparative Health Damage Analysis " Institut Fur Energie Und Umweltforschung, Heidelberg, Germany)

4) All the radionuclide materials from the plant have not been considered in the dose commitment calculations (especially alpha emitters).

5) Estimates of expected doses are calculated for radionuclides ingested during that year, ignoring the long lived nuclides already stored in the body.

6) Radiation doses from groundwater contaminated by deposition of air-born radioactive materials are ignored.

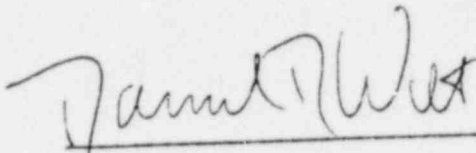
Sunflower Alliance et al. therefore contends that the ERC Staff has not correctly calculated the dose levels to real human beings from routine emissions from the Perry Nuclear Power Plant, rendering the long term environmental and health effect calculations invalid.

Sunflower Alliance et al. also contends the cost benefit analysis has been skewed in favor of licensing PNPP by the failure to include the value of locally grown and consumed food and nursery crops to the local and larger N.E. Ohio economy, in its analysis.

Requirements for Late filing Under 10 CFR 2.714

Sunflower Alliance et al. has met the requirements for late-filed contention under 10CFR 2.714. This contention is based on the recently issued Perry DES; and on a recent court ruling. These factors constitute abundant good cause for late filing. Sunflower Alliance has only this proceeding in which to protect its interests; the issues considered herein are specific to the Perry facility, and therefore cannot be properly resolved by any other means. Sunflower in addition knows of no other party that is raising these issues. The inclusion of these contentions will certainly aid in the development of a sound record. Although the issues will be somewhat broadened by the admission of these contentions, the amount of

delay, if any, caused thereby is unknown. The above factors clearly favor the admission of this contention into this proceeding, and Sunflower Alliance et al. prays that the Board is so moved.



Daniel D. Wilt, Esq.

Attorney for Sunflower Alliance Inc., et al.

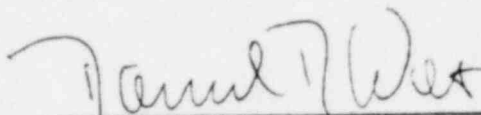
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S E R V I C E

A copy of this Motion for Leave to File Additional Contention has been sent to all persons on the Service List on this 13 day of July, 1982.



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Attorney for Sunflower Alliance Inc., et al