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 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331  
 AUTH. NAME: MCGAUGHY, R.W. AUTHOR AFFILIATION: Iowa Electric Light & Power Co.  
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Application to amend License DPR-49 revising ETS to delete study on effects of cooling tower exhaust on nearby vegetation. Fee encl.

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**Iowa Electric Light and Power Company**

January 26, 1984

NG-84-0074

Mr. Harold Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Duane Arnold Energy Center  
Docket No: 50-331  
Op. License No: DPR-49  
Deletion of Study on the Effects of Cooling  
Tower Exhaust on Nearby Vegetation

Dear Mr. Denton:

Transmitted herewith, in accordance with the requirements of 10 CFR 50.59 and 10 CFR 50.90, is an application for amendment to Appendix B (Environmental Technical Specifications) to Operating License DPR-49 for the Duane Arnold Energy Center.

The proposed change deletes the study on the effects of cooling tower exhaust on nearby vegetation. This application, proposed change ETS-30, has been reviewed by the DAEC Operations Committee and the DAEC Safety Committee. This is a Class II Amendment and a check for \$1200 is enclosed.

Three signed and 37 additional copies of this application are transmitted. This application, consisting of the foregoing letter and enclosures, is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

BY Richard W. McGaughey  
Richard W. McGaughey  
Manager, Nuclear Division

Subscribed and sworn to Before Me on  
this 27<sup>th</sup> day of January 1984.

Kathleen M. Furman  
Notary Public in and for the State of Iowa

RWM/JDC/dmb\*

Enclosures: 1) Proposed Change  
ETS-30  
2) Evaluation of  
Change with Respect  
to 10 CFR 50.92  
3) Tech. Spec. page  
4.1-6

cc: J. Christensen  
L. Liu  
S. Tuthill  
M. Thadani  
NRC Resident Office  
T. Houvenagle (ISCC)

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Proposed Change ETS-30  
to the  
Duane Arnold Energy Center  
Technical Specifications

The holders of license DPR-49 for the Duane Arnold Energy Center propose to amend Appendix B (Environmental Technical Specifications) to said license by deleting current pages and replacing them with attached, new pages. A List of the Affected Pages is given below.

The proposed amendment deletes page 4.1-6 to reflect the completion of the study to determine the effects of the cooling tower exhaust on nearby vegetation.

List of Affected Pages

4.1-6

EVALUATION OF CHANGE WITH RESPECT TO 10 CFR 50.92

The proposed change deletes the requirement to examine the vegetation on and around the site to determine if there is any salt drift damage from the cooling towers. This study is conducted to determine any significant effects of plant operation on the terrestrial environment. The technical specifications require that this study be done for at least two years to document any possible adverse effects. The Duane Arnold Energy Center has conducted this study for nine years and found no significant damage to any vegetation. The operation of the cooling towers will not change upon deletion of this study, and any other changes, will have to be introduced as technical specification changes before they can take place. This study has no effect on the safety of the operation of the plant and there is no accident that can take place that this study can effect. There is, therefore, no significant hazards concern created by this change.