

May 18, 1988

Docket Nos.: 50-413
50-414
Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

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Dear Mr. Tucker:

Subject: Notice of Consideration of Issuance of Amendments
(TACS 67347/67348)

Enclosed for your information is a copy of a "Notice of Consideration of Issuance of Amendments to Facility Operating Licenses and Opportunity for Hearing" related to your amendment request dated April 1, 1988, for the Catawba Nuclear Station, Units 1 and 2. The proposed amendments would change Technical Specifications 5.3.1 "Fuel Assemblies." The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:
Kahtan N. Jabbour, Project Manager
Project Directorate II-3
Division of Reactor Projects -I/II

Enclosure:
F. R. Notice

cc w/encl:
See next page

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Mr. H. B. Tucker
Duke Power Company

Catawba Nuclear Station

cc:

A.V. Carr, Esq.
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Charlotte, North Carolina 28242

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Regional Administrator, Region II
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County Manager of York County
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York South Carolina 29745

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UNITED STATES NUCLEAR REGULATORY COMMISSION
DUKE POWER COMPANY
DOCKET NOS. 50-413 AND 50-414
NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENTS
TO FACILITY OPERATING LICENSES AND
OPPORTUNITY FOR HEARING

The United States Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating License Nos. NPF-35 and NPF-52 issued to Duke Power Company, et al., (the licensee), for operation of the Catawba Nuclear Station, Units 1 and 2, located in York County, South Carolina.

The amendments would change Technical Specification (TS) 5.3.1 "Fuel Assemblies" to provide increased flexibility in the substitution of solid stainless steel rods and open water channels (i.e., vacancies) for fuel rods in reconstitutible fuel assemblies to be reinserted in the reactor core during a refueling outage. Presently, TS 5.3.1 requires that each fuel assembly contain 264 fuel rods clad with Zircaloy-4, except that limited substitutions of fuel rods with filler rods consisting of Zircaloy-4 or stainless steel, or by vacancies, may be made in peripheral fuel assemblies if justified by cycle-specific reload analyses. The revised TS 5.3.1 would require that each fuel assembly nominally contain 264 fuel rods clad with Zircaloy-4, except that substitutions of fuel rods by filler rods consisting of Zircaloy-4 or stainless steel, or by vacancies, may be made in fuel assemblies if justified

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by cycle-specific reload analyses using NRC-approved methodology. The proposed revision would also state that should more than 30 rods in the core, or 10 rods in any assembly, be replaced per refueling, a special report describing the number of rods replaced would be submitted to the Commission pursuant to Specification 6.9.2 within 30 days after cycle startup.

The increased flexibility associated with the proposed change results from removal of "limited substitutions" and "peripheral fuel assemblies." Under the proposed change, limitations on fuel rod substitutions or omissions and limitations regarding core locations are those implicit in the justifying analyses required to be performed by the licensee for each fuel cycle using NRC-approved methodology to demonstrate that existing design limits and safety analyses continue to be met. The proposed flexibility is intended to provide for improved fuel performance by permitting timely removal of individual fuel rods which are found during a refueling outage to be leaking. The requirement for special report is proposed in response to the NRC's request to be informed in the event a significant deviation from past fuel performances should be observed during a refueling outage.

Prior to issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

By *June 20, 1988*, the licensee may file a request for a hearing with respect to issuance of the amendments to the subject facility operating licenses and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written request for hearing and a petition for leave to intervene. Requests for a hearing and petitions for leave to intervene shall be filed in

accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition; and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR §2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene, which must include a list of the contentions that are sought to be litigated in the matter, and the bases for each contention set

forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, United States Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W. Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner or representative for the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at 1-800-325-6000 (in Missouri 1-800-342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to David B. Matthews, Director; Project Directorate II-3; (petitioner's name and telephone number; (date petition was mailed); (plant name); and (publication date and page number of this FEDERAL REGISTER notice). A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Mr. Albert Carr, Duke Power Company, 422 South Church Street, Charlotte, North Carolina 28242.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained

absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

If a request for hearing is received, the Commission's staff may issue the amendment after it completes its technical review and prior to the completion of any required hearing if it publishes a further notice for public comment of its proposed finding of no significant hazards consideration in accordance with 10 CFR 50.91 and 50.92.

For further details with respect to this action, see the application for amendment dated April 1, 1988, which modifies a letter of February 5, 1988, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20555, and at the York County Library, 138 East Black Street, Rock Hill, South Carolina 29730.

Dated at Rockville, Maryland, this 13th day of May 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

David B. Matthews, Director
Project Directorate II-3
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

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