

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
1070 Chestnut Street Tower II

1981 NOV 3 PM 12
October 28, 1981

U.S. Nuclear Regulatory Commission
Office of Nuclear Material Safeguards
Division of Fuels Cycle and Material Safety
Washington, DC 20555

Attention: Mr. Paul Guinn, Material Branch, Division of Material and
Fuels Cycle Licensing

Gentlemen:

ATMOSPHERIC FLUIDIZED BED COMBUSTION (AFBC) PILOT PLANT BYPRODUCT MATERIAL
LICENSE NO. 41-08165-11 - REQUEST FOR AMENDMENT NO. 2

Pursuant to the guidelines set forth in the Code of Federal Regulations
(CFR) Title 10, Part 30 30.38, we request that our Byproduct Material
License No. 41-08165-11 be amended as indicated below.

Due to changes in administrative responsibilities and personnel associated
with the project, the name of C. Gottschalk, the supervisor listed under
condition 12, should be replaced with S. F. Newton, D. M. Ford, and
G. L. Spencer. Mr. Newton and Mr. Ford have received formal radiological
training from TVA and are listed under condition 12 of TVA's Byproduct
Material License No. 41-08165-05. We are arranging radiological training
for Mr. Spencer and will forward his resume for your files when the
training is completed.

In accordance with the procedures outlined below, we also request that the
license be amended to allow TVA to relocate the sealed sources listed in
item 6. The relocation will be under the supervision of the radiation
protection officer and will be conducted as follows:

1. Move the manual shutter-actuating mechanism to the "closed" position.
2. Physically lock the shutter in "closed" position and tag "out of
service."
3. Before unbolting the holder from its mount, conduct a radiation survey
of the source holder and areas adjacent to the beam opening.
4. Maintain appropriate supervision over removal of the source holder from
its original location and transfer to installation at its new
location.

FEE EXEMPT

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5. Unlock the shutter and remove "hold" tag; return source holder to service.

If you have any questions about the amendment requests or require any additional information, please contact J. B. Brellenthin, 1110 Chestnut Street Tower II, Chattanooga, Tennessee 37401, FTS 857-6531.

Very truly yours,

M. D. High

M. D. High, Ph.D.
Director of Energy Demonstrations
and Technology