

MAY 22 1990

Docket Nos. 50-387
50-388

Pennsylvania Power & Light Company
ATTN: Mr. Harold W. Keiser
Senior Vice President - Nuclear
2 North Ninth Street
Allentown, Pennsylvania 18101

Gentlemen:

Subject: INTERPRETATION OF BIOASSAY MEASUREMENTS; ASSESSMENT OF INTAKE

In accordance with the attached information, Region I Reactor licensees are advised that assessing intakes of radioactive material using bioassay data should be based on the best data and models available for that purpose. Licensees are no longer restricted to the assessment methodology in ICRP Publication 2 in determining compliance with 10 CFR 20 intake limits. Licensees may use improved and generally accepted methodology such as provided in recent ICRP Publications and NUREG/CR-4884.

Sincerely,

Ronald R. Bellamy
Ronald R. Bellamy, Chief
Facilities Radiological Safety
and Safeguards Branch
Division of Radiation Safety
and Safeguards

Attachment: LJCunningham Letter, "Draft NRC Information Notice,
'Interpretation of Bioassay Measurements; Assessment of
Intake'". dated March 14, 1990

File

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cc w/attachment:

A. R. Sabol, Manager, Nuclear Quality Assurance
J. M. Kenny, Licensing Group Supervisor
R. G. Bryam, Superintendent of Plant-SSES
S. B. Ungerer, Manager, Joint Generation Projects Department
J. D. Decker, Nuclear Services Manager, General Electric Co.
B. A. Snapp, Esquire, Assistant Corporate Counsel
H. D. Woodeshick, Special Office of the President
J. C. Tilton, III, Allegheny Electric Cooperative, Inc.
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
Commonwealth of Pennsylvania

bcc w/attachment:

Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encl)
R. Bellamy, DRSS
P. Swetland, DRP
M. Conner, SALP Reports Only
K. Abraham, PAO (20) SALP Report and (2) All Inspection Reports
J. Caldwell, NRR
M. Thadani, NRR
L. J. Cunningham, NRR
J. D. Buchanan, NRR