

NOV 30 1981

Docket Nos.: STN 50-454
and STN 50-455

APPLICANT: Commonwealth Edison Company

FACILITY: Byron Station

SUBJECT: SUMMARY OF EQB MEETING

A meeting was held November 10, 1981 in Bethesda, Maryland with representatives from Commonwealth Edison Company and its consultants to discuss environmental qualification of equipment for the Byron Station. A list of attendees is given in Enclosure 1.

The applicant made a brief presentation regarding the radiological source term used in the environmental qualification program. In response, the staff indicated that the applicant should use a time-dependent plate-out of radioiodine in the containment as given in NUREG-0588 or justify the use of the assumption of an instantaneous 50% plate-out, of the airborne release. The applicant should also justify: (1) the use of 30 days as the length of time assumed for radiation exposure; (2) the fraction of beta dose considered based on shielding; and (3) the assumption that the center of the containment is the high dose point. Also the applicant should address the relative contribution from each source of radiation in the containment-the sump water, plate-out, airborne, etc.

The applicant brought a number of examples of EQ packages for the staff's review and comments. From this initial review, the staff commented that the format of the central files was good and that the review check list was thorough, covering all necessary areas. The staff also made specific recommendations to improve the EQ packages presented. The applicant stated that the complete EQ submittal would be ready by June 1982.

Original signed by:
William Kane

Kenneth L. Kiper, Project Manager
Licensing Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

8112080006 811130
PDR ADOCK 05000454
A PDR

OFFICE	DL:LB#1	DL:LB#1	DL:LB#2				
SURNAME	KKiper	SChesnut	BoYoungbTood				
DATE	11/27/81	11/27/81	11/27/81				

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Director of Nuclear Licensing
Commonwealth Edison Company
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CCS:

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Byron, Illinois 61010

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ENCLOSURE 1

EQB Meeting
November 10, 1981

NRC

K. Kiper
P. Shemanski
N. B. Le
J. Kennedy
F. Akstulewicz
D. G. McDonald (Los Alamos National Lab)

Commonwealth Edison Company

J. Westermeier
L. Bowen
J. Dennehy

S&L

J. Szupillo
J. Regan
W. Johnson
K. Green
W. Berger

Power Consultants, Inc.

J. LaVallee

NEO Consultants, Inc.

E. Tsai

OFFICE							
SURNAME							
DATE							

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MEETING SUMMARY DISTRIBUTION

Docket File

NRC PDR
Local PDR
TIC/NSIC/Tera

LB#1 Reading
H. Denton/E. Case

D. Eisenhut/M. Jambor

B. J. Youngblood

A. Schwencer

F. Miraglia

J. Miller

G. Lainas

R. Vollmer

J. P. Knight

R. Bosnak

F. Schauer

R. E. Jackson

Project Manager K. Kiper/S. Chesnut

Attorney, OELD

M. Rushbrook

OIE (3)

ACRS (16)

E. Adensam

NRC Participants:

K. Kiper

P. Shemanski

N. B. Le

J. Kennedy

F. Akstulewicz

D. G. McDonald (Los Alamos National Lab)

G. Lear
W. Johnston
S. Pawlicki
V. Benaroya
Z. Rosztoczy
W. Haass
D. Muller
R. Ballard
W. Regan
R. Mattson
P. Check
F. Congel
O. Parr
F. Rosa
W. Butler
W. Kreger
R. Houston

L. Rubenstein
T. Speis
M. Srinivasan
J. Stolz
S. Hanauer
W. Gammill
T. Murley
F. Schroeder
D. Skovholt
M. Ernst
R. Baer
C. Berlinger
K. Kniel
G. Knighton
A. Thadani
D. Tondi
J. Kramer
D. Vassallo
P. Collins
D. Ziemann



bcc: Applicant & Service List