

Dodot file

Docket Nos. 50-390
and 50-391

FEB 04 1975

R. F. Fraley, Executive Secretary
Advisory Committee on Reactor Safeguards

ACRS REVIEW OF WATTS BAR ECCS

In the staff's Safety Evaluation of the Watts Bar Nuclear Plant, Section 5.3, it was stated that "the final design of the ECCS will be submitted to the Commission for review and approval" after various studies are completed. The ACRS in its letter of September 21, 1972, recommended that "the final design of the Watts Bar ECCS be reviewed by the Regulatory staff and the ACRS prior to fabrication and installation of major components."

The applicant has stated in his letter of April 29, 1974, that the ECCS design described in the Sequoyah docket is essentially identical to that on Watts Bar, that they will maintain flexibility to change features of the system if required, and that final design, fabrication, and construction of the Watts Bar ECCS is proceeding.

In your memo of May 17, 1974, you suggested that the Watts Bar ECCS review be held before the regular Sequoyah review, since the latter was too far in the future to satisfy the ACRS recommendations of September 21, 1972. In response, J. F. O'Leary's memo of June 20, 1974, identified then current schedules for receipt and review of ECCS information and for design, fabrication, and installation of components at Watts Bar.

Although considerable progress has been made since that time, schedules have slipped somewhat. As you know, the Westinghouse ECCS model without UHI has been reviewed by the Committee and the staff. The modified ECCS model with UHI, along with supporting data and analyses and amendments to the Sequoyah FSAR covering the ECCS, are expected January 31, 1975. The staff's review of this information should be complete by April, 1975. The Sequoyah SER is now scheduled for June 24, 1975, and the Committee meeting for August, 1975. Installation of Watts Bar ECCS components will probably take place in late 1975 and early 1976.

57
4

OFFICE >						
SURNAME >						
DATE >						

If you desire further early review of the Watts Bar ECCS, it would now appear that this could be done in May 1975, based on April completion of staff review. The Westinghouse ECCS without UHI has been reviewed and close coordination is being maintained between the staff and Westinghouse on the ECCS/UHI model, and TVA has reiterated that ECCS features on Watts Bar can be changed if required. In light of the satisfactory progress thus far in the ECCS review, we believe it is no longer necessary either to have an early review of the final Watts Bar ECCS or to recommend curtailment of the fabrication and installation of components, so long as the applicant agrees to make any required changes and proceeds at his risk. We therefore agree with TVA's proposal that the review of the Watts Bar ECCS be held in connection with Sequoyah review, now scheduled for August 1975. If this cannot be accomodated, please let us know.

Original signed by
 Roger S. Boyd

A. Giambusso, Director
 Division of Reactor Licensing
 Office of Nuclear Reactor Regulation

DISTRIBUTION:

- Docket File
- HSilver
- MService
- KKniel
- VAMoore
- SVarga
- AGiambusso
- RBoyd
- 2-2 File
- NRC PDR
- Local PDR
- NRR Reading
- FSchroeder
- RCDeYoung
- LWR 1 & 2 BC's
- MWilliams
- RKlecker
- KGoller
- TNovak

SEE PREVIOUS YELLOW FOR ADDITIONAL CONCURRENCES

OFFICE >	EWR2-2	DRL				
SURNAME >	HSilver:as	AGiambusso				
DATE >	2/4/75	2/4/75				

Docket Nos. 50-390
and 50-391

FEB 04 1975

R. F. Fraley, Executive Secretary
Advisory Committee on Reactor Safeguards

ACRS REVIEW OF WATTS BAR ECCS

In the staff's Safety Evaluation of the Watts Bar Nuclear Plant, Section 5.3, it was stated that "the final design of the ECCS will be submitted to the Commission for review and approval" after various studies are completed. The ACRS in its letter of September 21, 1972, recommended that "the final design of the Watts Bar ECCS be reviewed by the Regulatory staff and the ACRS prior to fabrication and installation of major components."

The applicant has stated in his letter of April 29, 1974, that the ECCS design described in the Sequoyah docket is essentially identical to that on Watts Bar, that they will maintain flexibility to change features of the system if required, and that final design, fabrication, and construction of the Watts Bar ECCS is proceeding.

In your memo of May 17, 1974, you suggested that the Watts Bar ECCS review be held before the regular Sequoyah review, since the latter was too far in the future to satisfy the ACRS recommendations of September 21, 1972. In response, J. F. O'Leary's memo of June 20, 1974, identified then current schedules for receipt and review of ECCS information and for design, fabrication, and installation of components at Watts Bar.

Although considerable progress has been made since that time, schedules have slipped somewhat. As you know, the Westinghouse ECCS model without UHI has been reviewed by the Committee and the staff. The modified ECCS model with UHI, along with supporting data and analyses and amendments to the Sequoyah FSAR covering the ECCS, are expected January 31, 1975. The staff's review of this information should be complete by April, 1975. The Sequoyah SER is now scheduled for June 24, 1975, and the Committee meeting for August, 1975. Installation of Watts Bar ECCS components will probably take place in late 1975 and early 1976.

OFFICE →						
SURNAME →						
DATE →						

If you desire further early review of the Watts Bar ECCS, it would now appear that this could be done in May 1975, based on April completion of staff review. The Westinghouse ECCS without UHI has been reviewed and close coordination is being maintained between the staff and Westinghouse on the ECCS/UHI model, and TVA has reiterated that ECCS features on Watts Bar can be changed if required. In light of the satisfactory progress thus far in the ECCS review, we believe it is no longer necessary either to have an early review of the final Watts Bar ECCS or to recommend curtailment of the fabrication and installation of components, so long as the applicant agrees to make any required changes and proceeds at his risk. We therefore agree with TVA's proposal that the review of the Watts Bar ECCS be held in connection with Sequoyah review, now scheduled for August 1975. If this cannot be accomodated, please let us know.

Original signed by
 Roger S. Boyd

A. Giambusso, Director
 Division of Reactor Licensing
 Office of Nuclear Reactor Regulation

DISTRIBUTION:

- Docket File
- HSilver
- MService
- KKniel
- VAMoore
- SVarga
- AGiambusso
- RBoyd
- 2-2 File
- NRC PDR
- Local PDR
- NRR Reading
- FSchroeder
- RCDeYoung
- LWR 1 & 2 BC's
- MWilliams
- RKlecker
- KGoller
- TNovak

SEE PREVIOUS YELLOW FOR ADDITIONAL CONCURRENCES

OFFICE ➤	LWR2-2	DRL			
SURNAME ➤	HSilver:as	AGiambusso			
DATE ➤	2/4/75	2/4/75			

If you desire further early review of the Watts Bar ECCS, it would now appear that this could be done in May 1975, based on April completion of staff review. The Westinghouse ECCS without UHI has been reviewed and close coordination is being maintained between the staff and Westinghouse on the ECCS/UHI model, and TVA has reiterated that ECCS features on Watts Bar can be changed if required. In light of the satisfactory progress thus far in the ECCS review, we believe ~~there is no necessity to either~~ have an early review of the final Watts Bar ECCS or to recommend curtailment of the fabrication and installation of components, so long as the applicant agrees to make any required changes and proceeds at his risk. We therefore agree with TVA's proposal that the review of the Watts Bar ECCS be held in connection with Sequoyah review, now scheduled for August 1975. If this cannot be accommodated, please let us know.

A


A. Giambusso, Director
Division of Reactor Licensing
Office of Nuclear Reactor Regulation

*it's no longer
necessary*

If you desire further early review of the Watts Bar ECCS, it would now appear that this could be done in May 1975, based on April completion of staff review. The Westinghouse ECCS without UHI has been reviewed and close coordination is being maintained between the staff and Westinghouse on the ECCS/UHI model, and TVA has reiterated that ECCS features on Watts Bar can be changed if required. In light of the satisfactory progress thus far in the ECCS review, we believe there is no necessity to either have an early review of the final Watts Bar ECCS or to recommend curtailment of the fabrication and installation of components, so long as the applicant agrees to make any required changes and proceeds at his risk. We therefore agree with TVA's proposal that the review of the Watts Bar ECCS be held in connection with Sequoyah review, now scheduled for August 1975. If this cannot be accommodated, please let us know.

A. Giambusso, Director
 Division of Reactor Licensing
 Office of Nuclear Reactor Regulation

DISTRIBUTION:

- Docket File
- NRC PDR
- Local PDR
- NRR Reading
- LWR 2-2 File
- AGiambusso
- FSchroeder
- RBoyd
- VAMoore
- RCDeYoung
- HSilver
- MService
- LWR 1&2 BC's
- MWilliams
- RKlecker
- KGoller
- TNovak
- SVarga

SEE PREVIOUS YELLOW FOR ADDITIONAL CONCURRENCES

OFFICE →	LWR 2-2	DRL			
SURNAME →	HSilver:as	AGiambusso			
DATE →	2/3/75	2/3/75			

If you desire further early review of the Watts Bar ECCS, it would now appear that this could be done in May 1975, based on April completion of staff review. ~~However, since~~ The Westinghouse ECCS without UHI has been reviewed and close coordination is being maintained between the staff and Westinghouse on the ECCS/UHI model, and TVA has reiterated that ECCS features on Watts Bar can be changed if required, ~~we feel that our position as stated in the SER remains valid.~~ In light of the satisfactory progress thus far in the ECCS review, ~~it would not appear to provide significant benefit to the health and safety of the public to either have an early review of the final Watts Bar ECCS or to recommend curtailment of the fabrication and installation of components, so long as the applicant agrees to make any required changes and proceeds at his risk. We therefore~~ *agree with TVA's* ~~concur with the applicant's~~ proposal that the review of the Watts Bar ECCS be held in connection with the Sequoyah review, now scheduled for August 1975. ~~If this is not satisfactory, we would be pleased to discuss the matter further with you.~~ *can be accommodated, please let us know.*

A. Giambusso, Director
 Division of Reactor Licensing
 Office of Nuclear Reactor Regulation

DISTRIBUTION:

- Docket file
- AEC PDR
- Local PDR
- ~~L~~ Reading *NRA*
- DR Reading
- LWR 2-2 Reading
- AGiambusso
- F. Schroeder
- R. Boyd
- V. A. Moore
- R. C. DeYoung
- H. Silver
- M. Service
- LWR 1 & 2 Branch Chiefs
- M. Williams
- R. Klecker
- K. Goller
- T. Novak
- S. Varga

we believe there is no longer a necessity

OFFICE	LWR 2-2	LWR 2-2	AD/LWR	DRL	
SURNAME	HSilver	KKnie	VAMoore	S. Varga	AGiambusso
DATE	1/30/75	1/30/75	1/30/75	1/31/75	1/1/75