

JAN 22 1975

Lee V. Gossick, Acting Executive Director for Operations
THRU: Edson G. Case, Acting Director of Nuclear Reactor Regulation

Original Signed By
E.G. Case

STATUS REPORT ON SELECTED LICENSING CASES

Enclosed are the brief weekly status summaries for the week ending
January 18, 1975, for:

- Allens Creek 1 & 2
- Bailly 1
- Indian Point 3
- Perry 1 & 2

Original signed by
Roger S. Boyd

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Enclosures:
As stated above

Distribution:

- Docket (50-466 & 50-467)
- Docket (50-367)
- Docket (50-286) ←
- Docket (50-440 & 50-441)
- L. Rdg. (M. Groff, Rm 188)
- LWR 1-2 File
- EGCase
- FSchroeder
- AGiambusso
- RSBoyd
- VMoore
- RCDeYoung
- DMuller
- DEVassallo
- WButler
- MBAYcock
- MJOestmann

Jorndoff
MDLynch

memo

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OFFICE	L:LWR 1-2	AD:LWR 1	AD:LWR 1	DD:RD	Act. DL
SURNAME	WButler/red	VMoore	RCDeYoung	AGiambusso	EGCase
DATE	7791 1/20/75	1/ 1/75	1/30/75	1/ 1/75	1/ 1/75

STATUS REPORT FOR WEEK ENDING JANUARY 18, 1975

HOUSTON LIGHTING & POWER COMPANY

ALLENS CREEK NUCLEAR GENERATING STATION, UNITS 1 AND 2

DOCKET NOS. 50-466/467

The applicant's submittal of 1/3/75 on the subject of subsidence did not adequately answer our questions and did not significantly improve the staff's position that the site is suitable. In view of the contentions raised by the State of Texas in regard to the subsidence issue, we are not prepared to write our supplement to the SER based on the information presently in the PSAR. In addition, we have not yet received the USGS's report on its independent review. As a result of the applicant's failure to respond adequately to our request for information for supporting site suitability, we are taking steps inhouse to obtain the substantiation we require. This additional effort by the staff will incur a four-week slip in the SER supplement issue date. At present, the schedule for both the site suitability and the health & safety portions of the hearings are uncertain.

Input to the SER supplement from several other TR branches has been delayed because of changes made in the PSAR by recent amendments and because of the many open and contested issues which must be addressed. It is expected that these inputs will be completed by 1/24/75.

The Texas Bureau of Economic Geology (TBEG) has reaffirmed its position that the lineation passing through the ACNGS site is related to subsurface structure. This renewed concern by the TBEG is the result of conclusions from their continuing investigation of lineations in Texas.

An Appeals Meeting is scheduled with the applicant on 1/24/75 to discuss the opposing positions on drywell pressure testing and seismic Category I requirements for portions of the radwaste system.

ACTIONS BEING TAKEN OR RECOMMENDED

We have initiated a crash program to obtain the additional information necessary to back up our position on subsidence. First, we are having some finite element calculations run with a Lawrence Livermore Lab computer code which can predict the surface effect of linear differential displacement at various depths below the site surface. Secondly, we are conducting an independent assessment of water withdrawal probabilities, taking into account economic and agricultural factors. With these inputs, we hope to be able to arrive at a realistic upper limit for surface differential subsidence effects associated with water table drawdown. We are requesting the applicant to supply an interpretation of electric well log data from the Katy oil field, which intercepts the TBEG lineation between an active fault at its northeast end and the ACNGS site. These data will answer questions as to whether the known structurally-related features of the lineation continue toward the site.

We expect to complete our investigation of subsidence potential in about two weeks and we will urge the applicant to provide the information requested regarding the Katy oil field logs. This schedule is consistent with a 4 week slip in the SER supplement issue date.

STATUS REPORT FOR THE WEEK ENDING JANUARY 18, 1975

NORTHERN INDIANA PUBLIC SERVICE COMPANY

BAILLY GENERATING STATION NUCLEAR - 1

DOCKET NOS. 50-367

There has been no significant change in the Bailly licensing status since last week. The history and current status are summarized below.

The staff issued a construction permit for Bailly on May 1, 1974. The Joint Intervenors appealed this decision and the Appeal Board granted a temporary stay on construction which was subsequently vacated. The Joint Intervenors filed motions in the U. S. Court of Appeals, and the Court ordered a temporary stay of construction on October 16, 1974.

Oral arguments were held before the U. S. Court of Appeals on December 11, 1974. The Court did not indicate its schedule for issuing a decision on this case. The temporary stay, ordered by the Court on October 16, 1974, on construction activities related to dewatering will remain in effect until its decision is issued.

The ASLB hearing on the proposed slurry wall, which was reopened on 1/3/75 at the order of the Appeal Board was recessed on 1/17/75 and will be reconvened on 1/21/75. It is anticipated that the hearing will be closed on that day. The hearing has been delayed by extensive cross-examination of the permittee and the staff by the Joint Intervenors and the State of Illinois.

STATUS REPORT FOR WEEK ENDING JANUARY 18, 1975
CONSOLIDATED EDISON COMPANY
INDIAN POINT UNIT 3
DOCKET NO. 50-286

The SER supplement was issued on January 16, 1975.

The settlement agreement on environmental matters was fully executed on January 10, 1975 and was sent to the ASLB on January 13, 1975 with a request for a prehearing conference as soon as possible to determine the course and schedule of future hearings.

A summary of the status of major events is as follows:

1. FES Issued - January 31, 1975
2. Fuel Loading Date - Con Ed projects - March 15 to April 1, 1975
- RO estimates - May 1, 1975
3. The PDD is estimated May 20, 1975 which assumes a start of hearing in mid-February (current ASLB estimate). This PDD is later than the estimated fuel loading date. The staff, however, would support a fuel loading and low power license if necessary not to interfere with plant startup.

STATUS REPORT FOR THE WEEK ENDING JANUARY 20, 1975

THE CLEVELAND ELECTRIC ILLUMINATING CO., ET AL

PERRY NUCLEAR POWER PLANT, UNITS 1 AND 2

DOCKET NOS. 50-440/441

The staff issued an LWA-1 on October 21, 1974 and the applicants started construction activities that same day. The ACRS considered the Perry application during its meeting in December and reported its conclusions in a letter to the Chairman, dated December 21, 1974. The applicants have requested the staff and the ASLB, in letters dated December 4, 1974, to initiate and schedule proceedings leading to the issuance of an LWA-2 by March 15, 1975. These letters request that testimony relating to the issuance of the LWA-2 be filed by January 20, 1975.

The applicants proposed a design change in Amendment 22 to the PSAR (received on December 9, 1974), involving the use of a permanent dewatering system. The staff has concluded that the permanent dewatering system and the revision to the structural design criteria proposed in Amendment 22 to the PSAR, is unsatisfactory on the basis of the presently available information. The staff has sent two letters to the applicants dated December 23, 1974 and December 30, 1974, indicating the undesirable features of this proposed dewatering system and stating that the necessary detailed review of the proposed design change could involve a substantial licensing delay.

In response to the staff's two letters, the applicants requested a meeting on January 10, 1975, in order to make a technical presentation on their proposed permanent dewatering system. During the discussion at this

meeting, the applicants' representatives stated that the proposed Perry facility which has been reviewed by the staff and evaluated favorably in the SER, was incapable of meeting the design criteria for hydrostatic pressure and buoyancy effects to which the applicants committed in Amendment 12 to the PSAR and submitted on March 15, 1974. Additionally, these representatives stated that the applicants were aware that the proposed plant was incapable of satisfying the design criteria for hydrostatic pressure and buoyancy effects prior to their submittal of Amendment 22 to the PSAR.

The Regulatory staff has issued an Order to Show Cause on January 20, 1975, which orders an immediate suspension of all work authorized under the LWA issued on October 21, 1974, and supplemented on November 8, 1974. The Show Cause Order permits CEICO to file a written answer to this order. A series of meetings will be held on January 21 and 22 with CEICO to discuss in detail, the structural and hydrologic concerns of the staff with regard to the permanent dewatering system proposed in Amendment 22 to the PSAR.