

DISTRIBUTION

LWR 2-3

Docket

EIGoulbourne (2)

JUL 12 1974

Docket No. 50-346

Mr. Gary Williams, Region 7
Environmental Protection Agency
1 N Wacker Drive
Chicago, Illinois 60606

Subject: THE TOLEDO EDISON COMPANY
Davis-Besse Nuclear Power Station

The following documents concerning our review of the subject facility are transmitted for your information:

- Notice of Receipt of Application.
- Draft Environmental Statement, dated _____.
- Final Environmental Statement, dated _____.
- Safety Evaluation, or Supplement No. _____, dated _____.
- Notice of Hearing on Application for Construction Permit.
- Notice of Consideration of Issuance of Facility Operating License.
- Application and Safety Analysis Report, Vol. _____.
- Amendment No. 21 to Application/SAR, dated July 5, 1974.
- Construction Permit No. CPPR- _____, dated _____.
- Facility Operating License No. DPR- _____, dated _____.
- Technical Specifications, or Change No. _____, dated _____.
- Other: _____

Directorate of Licensing

Enclosures:
As stated

cc:

OFFICE	LWR x7886/LWR 2-3				
SURNAME	EIGoulbourne:cjb				
DATE	7/11/74				

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maximum values in late July, 1978, compared to early July, 1977, and early September, 1978, in the Tower Woods. The range of temperatures at Ottawa was somewhat less erratic than in 1977 showing a peak in late April and smaller increases in late June and late August, 1978, compared to numerous peaks in 1977 (Figure B-3). The warmer temperatures at the Ottawa site compared to the Tower Woods at the 10 cm. depth relate well to an earlier and more thorough drying of the soil in the Ottawa site.

The average soil temperature at the 20 cm. depth at Ottawa warmed sooner than at the same depth in the Tower Woods (late July compared to early September) and at about the same rate as in 1977 for the Ottawa site. Temperatures did not reach the levels of 1977 for the 20 cm. depth in the Ottawa site, but were generally warmer than for the same depth in the Tower Woods. The soil cooled more slowly at Ottawa so that near the end of the data period the soil was 7.2⁰ F. warmer than in the Tower Woods. The warmer temperatures coincide with somewhat drier conditions in the Ottawa site than the Tower Woods. The range of temperatures at the 20 cm. depth was somewhat less erratic than in 1977 with only one peak in late May, 1978.

The average soil temperature at the 50 cm. depth in the Ottawa site warmed more slowly than at the shallower depths. The maximum average temperature was not reached until mid-September compared to late July for the 10 and 20 cm. depths and late August for the 50 cm. depth in the Tower Woods. The cooler temperatures at the 50 cm. depth coincide with higher moisture levels than at the shallower depths from mid-July to late August. The range of temperatures at the 50 cm. depth was somewhat less erratic than in 1977, but like 1977, generally showed less response to air temperatures than the 10