

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 P A B V S 1 00 - 000000 - 000 341111 4 5
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 5/15/81, Environmental Technical Specification 2.3.1 limits were exceeded for
03 free chlorine detected at the outfall structure. Twenty minutes following
04 chlorination, free chlorine peaked at 0.26 ppm over the maximum limit of 0.5.
05 During the 2-hour chlorination period, the time averaged limit of 0.2 ppm was
06 exceeded by 0.06. The environmental impact on the river was minimal and contained
07 within the local mixing zone. At the time of discharge, the river dilution factor
08 was high as was the chlorine demand of the river.

09 W A 11 A 12 B 13 Z Z Z Z Z Z 14 Z 15 Z 16
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17 LER/RO REPORT NUMBER 31 037 01 01 0
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
Z 18 Z 19 Z 20 Z 21 0000 Y 23 N 24 Z 25 Z 9 9 9 9 26
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The incident resulted from an increase in the normal chlorine dosage supplied to the
11 main unit condenser in anticipation of a high chlorine demand. A higher demand was
12 suspected due to a prior period of several days when the main condenser chlorinator
13 was out of service for repair. No future actions are contemplated as a result of
14 this incident.

15 E 28 100 29 N/A 30 A 31 Chemistry sampling at discharge
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

16 Z 33 Z 34 N/A 35 N/A 36
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

17 000 37 Z 38 N/A 39
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

18 000 40 N/A 41
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

19 Z 42 N/A 43
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

20 N 44 N/A 45
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

NAME OF PREPARER W. S. Lacey

PHONE: 412-643-8525

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NRC USE ONLY

Attachment To LER 81-37/01T
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

No further information is available or needed to satisfy the reporting requirement.