

US EPA ARCHIVE DOCUMENT

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| COMPANY | Indiana Michigan Power Company | Indiana Michigan Power Company | Indiana Michigan Power Company |
| PLANT | Tanners Creek | Tanners Creek | Tanners Creek |
| ASH MANAGEMENT UNIT | Fly Ash Pond | Bottom Ash Complex | Boiler Slag Pond (U4) |
| QUESTION 1 | | | |
| Dam Hazard Rating | Low | Low | |
| Who Established Rating | Indiana DNR -- Div. of Water | Indiana DNR -- Div. of Water | |
| Basis for Rating | Health Hazard | Health Hazard | |
| No Rating Assigned | N/A | N/A | X (Incised pond -- no dam or dike) |
| QUESTION 2 | | | |
| Year Commissioned | 1972 | 1953 | 1964 |
| Year(s) Expanded | 2007 | 1973 | N/A |
| QUESTION 3 - Mark all that apply | | | |
| Fly Ash | X | X | |
| Bottom Ash | | X | |
| Boiler Slag | | X | X |
| Flue Gas Emission Control Residuals | | | |
| Other (Specify) | | | |
| QUESTION 4 | | | |
| Designed by P.E. | Yes (Latest Modification) | Not Available | Not Available |
| Constructed under P.E. Supervision | Yes | Not Available | Not Available |
| Inspection/monitoring under P.E. Supervision | Yes | Yes | No (No dam or dike) |
| QUESTION 5 | | | |
| Date of Last Company Safety Assessment | 9/15/2008 | 9/15/2008 | Not Assessed |
| Describe Evaluator's Credentials | IN P.E. | IN P.E. | N/A |
| Describe Past Followup Corrective Actions | Routine maintenance, improve seepage and upgrade surface at upper dike | Routine maintenance, west side seepage collection drain | N/A |
| Describe Credentials of Corrective Action Implementers | Subcontractor under AEP engineering supervision | Under AEP engineering supervision | N/A |
| Describe Planned Followup Actions | Improve seepage and internal drain control and upgrade surface at upper dike, repair damage to liner near emergency spillway, routine maintenance. | Plug abandoned spillway, remove beaver dam in unnamed tributary to Tanners Creek, install north dike seepage collection drain, routine maintenance. | N/A |
| Date of Next Safety Assessment | 2009 (AEP manages dam as high hazard), independent PE review is under way | 2010 (AEP manages dam as significant hazard) | N/A |
| QUESTION 6 | | | |
| Date of Last Regulatory Safety Inspection | 9/14/2006 | 9/14/2006 | Not Inspected |
| Agency Name | IDNR -- Div. of Water | IDNR -- Div. of Water | N/A |
| Date of Planned Regulatory Safety Inspection | N/A | N/A | N/A |
| Agency Name | N/A | N/A | N/A |
| Copy of Most Recent Regulatory Inspection Included | Yes | Yes | N/A |
| QUESTION 7 | | | |
| Safety Issues from Regulatory Inspections w/in Past Year | N/A | N/A | N/A |
| Corrective Actions | N/A | N/A | N/A |
| Documentation Included | N/A | N/A | N/A |
| QUESTION 8 | | | |
| Surface Area (acres) | 60.5 acres | 63.3 acres - The bottom ash pond complex is a multi-pond system where other wastewaters are separately treated in contiguous cells. These pond complexes typically also include secondary (and in some cases tertiary) settling ponds for final "polishing" of effluent quality. The information provided is based on the entire impoundment as regulated under dam safety rules. | 20acres |
| Total Storage Capacity | 1,076 acre-ft | 1,645 acre-ft | 820 acre-ft |
| Volume Currently Stored | Pond is full, ash is being excavated for disposal in dry landfill. | Variable - ash is routinely removed for beneficial use | Variable - ash is routinely removed for beneficial use |
| Date of Volume Measurement | Mar-09 | N/A | N/A |
| Maximum Height (feet) | 60 | 52 | 0 |
| QUESTION 9 | | | |
| Spills or Unpermitted Release History (10 Years) | No | No | No |
| QUESTION 10 | | | |
| All legal owner(s) and operator(s) | Indiana Michigan Power Company | Indiana Michigan Power Company | Indiana Michigan Power Company |